

20000112.qrp v01_n698.qrl.20000112

Date: Wed, 12 Jan 2000 19:03:09 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1698

QRP-L Digest 1698

Topics covered in this issue include:

- 1) [60073]
by nader omer <naderomer@yahoo.com>
- 2) [60074] FCC Regulation Question - Was FRS
by Jeff Grudin <grudin@vdb.com>
- 3) [60075] Re: FCC Regulation Question - Was FRS
by "George T. Baker" <w5yr@worldnet.att.net>
- 4) [60076] Re: Deal of the end of the century! - long
by Joe Everhart <n2cx@voicenet.com>
- 5) [60077] Elmer: Books
by Pete Burbank <plburbank@kih.net>
- 6) [60078] Re: Antennas for 160 ??
by "Nick Kennedy" <nkennedy@tcainet.net>
- 7) [60079] 1V Challenge Solution with Tunnel diodes
by WARDWARDJ@aol.com
- 8) [60080] 2N2/15 Update
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 9) [60081] Re: FOXHUNT: SCHEDULE CHANGE
by "John J. McDonough" <wb8rcr@arrl.net>
- 10) [60082] Ready built multiband QRP rigs ?
by kc8aon@juno.com
- 11) [60083] Question about capacitor color code(s)
by lenny wintfeld <w2bvh@home.com>
- 12) [60084] QRP ARCI Board of Directors Election
by markmilburn <markmilburn@netzero.net>
- 13) [60085] OT: Component Database.
by "Vincent Ferme" <vferme@sprint.ca>
- 14) [60086] OT: Comm Quart and ARRL.
by "Vincent Ferme" <vferme@sprint.ca>
- 15) [60087] Re: FCC Regulation Question - Was FRS
by K2UD@aol.com
- 16) [60088] 160M QRP
by MertNellis@aol.com
- 17) [60089] Re: FOXHUNT: SCHEDULE CHANGE
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 18) [60090] Re: Antenna adjustments (was FRS)
by KD1YV <kd1yv@mindspring.com>
- 19) [60091] "Poqet PC for QRP" information web page

- by "George Heron N2APB" <n2apb@erols.com>
- 20) [60092] First Milliwatt Contact
by "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
- 21) [60093] Re: FCC Regulation Question - Was FRS
by Marty Watt <N5NW@midsouth.rr.com>
- 22) [60094] Foxhunt:
by Fred Lesnick <flesnick@tbaytel.net>
- 23) [60095] Re: DRIVING GROUND RODS
by Nv4t@aol.com
- 24) [60096] Re: FCC Regulation Question - Was FRS
by Bruce Toback <btoback@optc.com>
- 25) [60097] FOX: Preliminary log 01/12/2000
by Jay Freeman <jayFreem@direcpc.com>
- 26) [60098] Re: Matchbox
by Frank McCrackin <wb6lma@cadsnet.net>
- 27) [60099] The Bererage Antenna Handbook
by Brian Short <bshort@speedchoice.com>
- 28) [60100] Re: Ready built multiband QRP rigs ?
by Dave Redfearn <n4elm@texoma.net>
- 29) [60101] FOX ALERT for 1/14/99 (N7MFB)
by "Bill Todd" <zapzap73@hotmail.com>
- 30) [60102] Re: Loudspeaker Field Coil Info?
by Oscar A Hoyt <k5ubs@juno.com>
- 31) [60103] Re: Super Bright LED Lighting Design?
by Dick Carroll <dixie@townsqsr.com>
- 32) [60104] QRQ Net Practice Sentences HERE!
by Ed Loranger <we6w@netzero.net>
- 33) [60105] 160 Times
by aweiss@usd.edu (Ade Weiss W0RSP)
- 34) [60106] Re: HB: Super Bright LED Lighting Design?
by "Leon Heller" <leon_heller@hotmail.com>
- 35) [60107] FS---SWL GREEN MOUNTAIN GM-20 & EPIPHYTE II
by Earl Murphy <earlmurf@telusplanet.net>
- 36) [60108] Re: Loudspeaker Field Coil Info?
by Charles Greene <cgreene@loa.com>
- 37) [60109] Re: Super Bright LED Lighting Design?
by "Mike Yetsko" <myetsko@insydesw.com>
- 38) [60110] 160 Meters *** WOW ***
by "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
- 39) [60111] SPRAT on CD arrived today
by DL2FI@t-online.de (Peter Zenker)
- 40) [60112] Early morning 160
by tom whalen <wb5qyt@eFortress.com>
- 41) [60113] Butternut on 160 ?s
by "Chuck Carpenter" <w5usj@globeco.net>
- 42) [60114] HB: Transformer Question
by Wb4jjj@aol.com
- 43) [60115] hamfests

by James4296@aol.com

44) [60116] FOX Freqs
by Bob Hightower <ki7mn@extremezone.com>

45) [60117] Re: FOX Freqs
by "Rod, N0RC" <n0rc@yahoo.com>

46) [60118] QRP FS
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>

47) [60119] RE: Comm Quart and ARRL.
by "AI2Q Alex" <ai2q@ispchannel.com>

48) [60120] Re: Butternut on 160 ?s
by Dave Sjolín <sjolin@swbell.net>

49) [60121] Re: HB: Transformer Question
by Drbob92031@aol.com

50) [60122] vacation - for KH's only
by M Goins <mgoins@usa.net>

51) [60123] Speaking of Gray Line
by "Dan W. Dooley" <dandooley@pipeline.com>

52) [60124] Re: Speaking of Gray Line
by "Mike Yetsko" <myetsko@insydesw.com>

53) [60125] RE: Speaking of Gray Line
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>

54) [60126] Re: Speaking of Gray Line
by GElam30092@aol.com

55) [60127] Re: Speaking of Gray Line
by Bruce Toback <btoback@optc.com>

56) [60128] Ft 80c Mods!
by Kleibe Jacinto de Araujo <kleibe@anatel.gov.br>

57) [60129] Re: Butternut on 160
by K1DXradio@aol.com

58) [60130] RE: Speaking of Gray Line
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>

59) [60131] Poqet Computer - QRP machine
by Roger Hightower <n7kt@earthlink.net>

60) [60132] Re: Speaking of Gray Line
by Monte Stark <ku7y@dri.edu>

61) [60133] Re: ??? Extra Class Study Guides
by "jmb" <jmb@cruzio.com>

62) [60134] FS: 12V plate tubes
by "Steven Weber" <kd1jv@moose.ncia.net>

63) [60135] DSW-20
by Mike Gipe <mgipe@reliablemeters.com>

64) [60136] Re: ??? Extra Class Study Guides
by "W5TB - 'Doc' Drake" <w5tb@softhome.net>

65) [60137] Fox Challenges.
by Ed Loranger <we6w@qsl.net>

66) [60138] Re: Fox Challenges.
by Monte Stark <ku7y@dri.edu>

67) [60139] FS:MFJ9440X/MFJ971

- by "W.six.ABC Oakland" <w6abc@yahoo.com>
- 68) [60140] Re: Loudspeaker Field Coil Info?
by "Charlie Fitts" <cfitts@neca.com>
- 69) [60141] Argonaut 509 history of mods?
by Ed Loranger <we6w@qsl.net>
- 70) [60142] Re: GROUND RODS
by "Harsha K" <bravado@angelfire.com>
- 71) [60143] SAV-17 vs. SAV-7 144 MHz PA
by Curt Milton <wb8yyy@yahoo.com>
- 72) [60144] Re: FOX ALERT for 1/14/99 (N7MFB)
by "Al Gritzmacher " <ae2t@arrl.net>
- 73) [60145] Re: ??? Extra Class Study Guides
by "K7FD" <cqdx@teleport.com>
- 74) [60146] Re: FOX ALERT for 1/14/99 (N7MFB)
by "George T. Baker" <w5yr@worldnet.att.net>
- 75) [60147] RE: ??? Extra Class Study Guides
by Sam_Stimson@Dell.com
- 76) [60148] Re: ??? Extra Class Study Guides
by "Mike Yetsko" <myetsko@insydesw.com>
- 77) [60149] Re: Speaking of Gray Line
by "Dan W. Dooley" <dandooley@pipeline.com>
- 78) [60150] Re: Speaking of Gray Line
by "Al Gritzmacher " <ae2t@arrl.net>
- 79) [60151] Re: FOX Freqs
by Bob Hightower <ki7mn@extremezone.com>
- 80) [60152] Re: FOX Freqs
by "Al Gritzmacher " <ae2t@arrl.net>
- 81) [60153] Grounding
by Robert P Engelman <rengelwb8uoj@juno.com>
- 82) [60154] PROP: Playing with Beacons Again in Alaska
by "Jim Larsen" <al7fs@hotmail.com>
- 83) [60155] 1N191s
by "Ed Tanton" <n4xy@att.net>
- 84) [60156] Code Requirements; My only post.
by Ed Loranger <we6w@qsl.net>
- 85) [60157] Re: FOX Freqs
by Rod Cerkoney <n0rc@yahoo.com>
- 86) [60158] Re: ??? Extra Class Study Guides
by Bryan Koen <bryan@koen.net>
- 87) [60159] GROUND RESISTANCE
by ARDUJENSKI@aol.com
- 88) [60160] Re: Question about capacitor color code(s)
by "Mel Evans, Registered Arachne User" <mel@euramcom.freemove.co.uk>
- 89) [60161] Re: ??? Extra Class Study Guides
by Bill Jones <kd7s@psnw.com>
- 90) [60162] Re: ??? Extra Class Study Guides
by FrConrad@aol.com
- 91) [60163] RE: ??? Extra Class Study Guides

by Sam_Stimson@Dell.com
92) [60164] CW filters & TS 570
by Paul Brice-Stevens <paul@g0wat.demon.co.uk>
93) [60165] RE: ??? Extra Class Study Guides
by Richard Matthews <prm@hiwaay.net>
94) [60166] MFJ-259B radiates a pretty good signal!
by Jim/Julia <w7ls@blarg.net>
95) [60167] Re: FOX ALERT for 1/14/99 (N7MFB)
by Skip <longbeard@cybernet1.com>
96) [60168] MFJ-259B power output = 12 mW
by Jim/Julia <w7ls@blarg.net>
97) [60169] Antenna Measurements...Best Method/Device?
by Kg2jff@aol.com
98) [60170] WANTED: S/S GDO
by Ed Loranger <we6w@qsl.net>
99) [60171] RE: OT I'm back... sort of...
by Sam_Stimson@Dell.com
100) [60172] Re: Antenna Measurements...Best Method/Device?
by "Chuck Carpenter" <w5usj@globeco.net>

Date: Tue, 11 Jan 2000 16:15:21 -0800 (PST)
From: nader omer <naderomer@yahoo.com>
To: qrp-l@Lehigh.EDU
Message-ID: <20000112001522.8033.qmail@web3301.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

HI
I'm trying to build LC filter using IF transformers
from a discarded transistor radio(BC radio) as in
W!FB' notebook....
Any more advice and clue !!
Up to what IF frequency dose it can work ??
thanks
73.... DR omer

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Tue, 11 Jan 2000 16:17:59 -0800
From: Jeff Grudin <grudin@vdb.com>
To: qrp-l@lehigh.edu
Subject: [60074] FCC Regulation Question - Was FRS

Message-ID: <387BC837.B1B6D329@vdbbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have always wondered about this topic that some of you guys have brought up.

I can be the control operator and allow an unlicensed person to use my rig.

I can operate any number of transmitters at one time.

So can I allow an unlicensed person to use my HT when they are in my sight and I am acting as control operator. For example - If I am on my roof and they are 20ft away on the ground. I can still supervise the operation of the transmitter and be sure that it is being used properly and in accordance with FCC regulations.

It seems that this would be legal to do.

--

73 de AC6KW <mailto:grudin@vdbbs.com>
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Tue, 11 Jan 2000 18:24:04 -0600
From: "George T. Baker" <w5yr@worldnet.att.net>
To: grudin@vdbbs.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [60075] Re: FCC Regulation Question - Was FRS
Message-ID: <387BC9A4.D562CDDC@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This can be a toughie for interpretation, Jeff, but the point that I have seen in the past is that you must have direct, immediate, total control over the transmissions. Asking or telling the guy to stop is not enough. You must effectively have your hand on a switch.

72/73, George
Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972

> So can I allow an unlicensed person to use my HT when they are in my
> sight and I am acting as control operator. For example - If I am on my
> roof and they are 20ft away on the ground. I can still supervise the
> operation of the transmitter and be sure that it is being used properly
> and in accordance with FCC regulations.
>
> It seems that this would be legal to do.

Date: Tue, 11 Jan 2000 19:25:09 -0500
From: Joe Everhart <n2cx@voicenet.com>
To: qrp-l@Lehigh.EDU
Cc: njqrp@njqrp.org
Subject: [60076] Re: Deal of the end of the century! - long
Message-ID: <200001120025.TAA71460@nss4.cc.lehigh.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Group,

Bruce, WB2QAP asked me to post the following message. I took him up on his generous offer and logger worked flawlessly for me.

Joe E.

>January 11, 1999
>
>Hi Joe,
>I've been trying to get the following message listed on QRP-L without much
>success. Don't know if my membership elapsed or what. Would you mind
>passing it along? I picked up a Poqet and love it. Logger works great on
>it.
>72 Bruce WB2QAP
>
>=====

>Hi,
>Several years ago, I wrote a program in BASIC called Logger, which was a
>logging and dupe checking program designed specifically for ARCI contests.
>Over the years, several reincarnations of this program evolved.
>
>The original Logger program only takes up 33kb of space, and runs very
>nicely on the Poqet computer.
>
>If you have any interest in getting this program, drop me an e-mail, and I
>can send it to you as an attachment.
>

>72 de Bruce Milne, WB2QAP bmilne@afcon.net

>
>
>
>
>
>

Date: Tue, 11 Jan 2000 19:32:20 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [60077] Elmer: Books
Message-ID: <3.0.32.20000111193211.00717134@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This has probably been mentioned before but some may have missed it.

I received some E-Mail today from <http://powells.com>

They have established a technical used book section.

The site has a search engine and seems to have lots of ARRL Handbooks.

I punched in radio and got 1450 hits including some Lindsey pubs and even some by Gernsback.

Enjoy!!

Pete NV4Vusual disclaimer

Date: Tue, 11 Jan 2000 18:28:04 -0600
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <w5usj@globeco.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [60078] Re: Antennas for 160 ??
Message-ID: <000701bf5c93\$e601f8a0\$9e2ab4d0@tcac.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I kinda like a Marconi, which may be the same thing as an inverted-L. It's 175 feet long; think that's 3/8 wave. Run the vertical part up and over a tree as tall as possible--55 feet in my case, and then run the rest horizontal. Pretty easy to put up and takes less space than a 180 meter dipole. Feed at the base and you need some radials or ground rods. This configuration isn't a perfect match for 50 ohms. Maybe

a 1/4 wave would be. My tuner on the rig tunes it OK though.

After all these QRP-L discussions, I tested out 160 last night. Heard several QRP guys and worked a couple. My first 160 meter QRP. Whoda thought it was possible? You just gotta be a masochist. Sometimes the signal report has to have a 'j' in it, for imaginary.

72 & CU on 1810??

Nick, WA5BDU

----- Original Message -----

From: "Chuck Carpenter" <w5usj@globeco.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, January 11, 2000 5:47 AM

Subject: Antennas for 160 ??

> 160 Folks,

>

> What antennas are being used for 160? I have 3 acres and lots of tall

> trees but none of them are where I'd like them to be.

>

> Current HF antennas are a Butternut HF6V and an 80 through 10 inverted V

> dipole array.

>

>

> Chuck Carpenter, EM22cv, Point, Rains County, Texas

>

Date: Tue, 11 Jan 2000 19:31:55 EST

From: WARDWARDJ@aol.com

To: qrp-l@lehigh.edu

Cc: WARDWARDJ@aol.com

Subject: [60079] 1V Challege Solution with Tunnel diodes

Message-ID: <2d.2dfafd14.25ad257b@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Hi,

New to the list and not a licensed operator, but have found this list very helpful and interesting. I asked for help last week about first transistorized QRP rigs and CK722 transistors - got lots of help from many of you.

A tunnel diode CW or phone xmitter and a tunnel diode regen receiver would provide a great 1 V challenge solution. You'll find a simple 1.4mw CW xmitter using a single tunnel diode and a low voltage battery (1.5V, but I'm sure 1V would work) in the book "Diodes Circuits" by Rufus P. Turner (late 60's book). He also has a single tunnel diode SW receiver in the same book, using 1.5V. I'd be happy to supply schematics of these neat projects if anyone emails me.

Thanks again,
jack W

Date: Tue, 11 Jan 2000 20:00:35 -0500
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: qrp-1@lehigh.edu
Subject: [60080] 2N2/15 Update
Message-ID: <3.0.1.32.20000111200035.00753464@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang...I've just finished the T/R Switch documentation for the 2N2/15, and posted it to the web page. Now the computer model, model plots, constructed switch, and measured performance are there for you to peruse. Have fun!

72.....Jim, K8IQY

Ref: <http://www.qsl.net/k8iqy/2n215.html>

Date: Tue, 11 Jan 2000 19:59:56 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <prvalko@oakland.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [60081] Re: FOXHUNT: SCHEDULE CHANGE
Message-ID: <01da01bf5c98\$58e43b40\$010044c0@cb29328-e.baycty1.mi.home.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Help!

I lost the page for the N/T+ Foxhunt schedule. Are there any more? Surely we want to pack in as many as possible between now and income tax day when both N's *AND* T+'s officially begin their extinction process.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Tue, 11 Jan 2000 20:01:10 EST
From: kc8aon@juno.com
To: qrp-l@Lehigh.EDU
Subject: [60082] Ready built multiband QRP rigs ?
Message-ID: <20000111.200209.4567.9.kc8aon@juno.com>

Who makes ready built multiband QRP rigs ? Would also like to have info on their websites please. This info is for an older ham that cannot see well enough to build but wants in on the QRP fun after hearing me talk about it !

73...Rick McKee KC8AON { CW lives as long as I do ! }
Willow Wood, Ohio
AR QRP # 269
QRP-L # 2112
ZOMBIE # 718

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 11 Jan 2000 20:27:02 +0200
From: lenny wintfeld <w2bvhome.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [60083] Question about capacitor color code(s)
Message-ID: <387B75F6.C931D24D@home.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi

I've got a hold of some old caps & don't know how to read their color code. Does anyone know how to read the color code for the following:

1. Feedthru: has 4 dots around the edge
2. Feedthru: has 5 dots around the edge
3. "Standoff" (has a lead on one side a threaded hole on the other):
has 3 dots and 1 band
4. "Standoff": has 4 narrow bands and 1 wide band
5. Button mica: has 6 dots around the circumference. (By the way, does anyone know what characteristics button mica's have (e.g. temp coeff., q etc?) and what they were used for?

Thanks in advance for any advice.

73,

Lenny Wintfeld w2bvh

Date: Tue, 11 Jan 2000 19:24:06 -0600
From: markmilburn <markmilburn@netzero.net>
To: qrp-l@lehigh.edu
Subject: [60084] QRP ARCI Board of Directors Election
Message-ID: <387BD7B6.5DF8A0DB@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Woops! In my previous post I said the resumes for the candidates were printed in the April edition of the QRP Quarterly. It has been pointed out that the correct reference is to the January issue, not April. Hmmm. It's good to think ahead, but I was a little overboard on this one.

Sorry, gang, but look in the January issue and make your votes.

72 mark

NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
<http://www.netzero.net/download/index.html>

Date: Tue, 11 Jan 2000 20:34:23 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-1@lehigh.edu>
Subject: [60085] OT: Component Database.
Message-ID: <007201bf5c9d\$2aaa7be0\$747c6395@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

It's with some trepidation that I post this URL, please ignore the CB part.

<http://members.tripod.com/Malzev/comp/index.htm>

73 de Vince, VE3VFN

Date: Tue, 11 Jan 2000 20:42:16 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-1@lehigh.edu>
Subject: [60086] OT: Comm Quart and ARRL.
Message-ID: <007a01bf5c9e\$444628a0\$747c6395@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Just read in one of the newsgroups that the ARRL purchased Comm Quart from CQ. There was also mention of the purchase by the ARRL of the Ham Radio Magazine archives and eventual production of a CD-Rom compilation. Anyone heard about this?

Other changes this month: Popular Electronics and Electronics Now became PopTronix; CQ VHF merged with CQ.

73 de Vince, VE3VFN

Date: Tue, 11 Jan 2000 20:50:59 EST
From: K2UD@aol.com
To: grudin@vdbbs.com
Cc: qrp-1@lehigh.edu

Subject: [60087] Re: FCC Regulation Question - Was FRS
Message-ID: <70.704f9b85.25ad3803@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

No. You will be broadcasting in that instance. You are certainly not in contact with another amateur station.

72

Howard Kraus, K2UD

Date: Tue, 11 Jan 2000 20:56:44 EST
From: MertNellis@aol.com
To: qrp-l@lehigh.edu
Subject: [60088] 160M QRP
Message-ID: <b3.b31ed990.25ad395c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I sent this last nite but didn't see it come up so am sending again.

Hi all you 160M QRPers,
After reading all the posts about 160M, thought I would take a listen while melting solder on my RH-40. First heard NF0Rand then WS4S, WB8QYY apparently in round table. Tuning down to about 1.810 heard W0RSP and got my rig on to give him a 549 and he returned 449 but bad QSB so couldn't really carry on so went back to soldering as Ade faded in and out. I'll keep an ear out in the evenings to follow.

72 W0UFO Mert in St. Paul, MN

Date: Tue, 11 Jan 2000 21:30:24 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:wb8rcr@arrl.net" <wb8rcr@arrl.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [60089] Re: FOXHUNT: SCHEDULE CHANGE
Message-ID: <200001112132_MC2-943E-5519@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii

Content-Disposition: inline

John:

Well I am attempting to get the whole thing running again. At least one guy upgraded, one dropped out because of lack of family support, and the others are still on the list. I also have another fellow interested.

Will re-announce the N/T+ web page when its information is current.

So...hopefully I can get it underway again. Fingers crossed here. Thanks for your interest.

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

K0EVZ@arrl.net

On 1/11/99 at 2000 hours John McDonough WB8RCR wrote:

>>Help!

I lost the page for the N/T+ Foxhunt schedule. Are there any more? Surely we want to pack in as many as possible between now and income tax day when both N's *AND* T+'s officially begin their extinction process.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>

didileydadidah QRP-L #1446 Code Warriors #35<<

Date: Tue, 11 Jan 2000 21:23:23 -0500

From: KD1YV <kd1yv@mindspring.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [60090] Re: Antenna adjustments (was FRS)

Message-ID: <387BE59A.30E4E247@mindspring.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Ummm, why not take the MFJ-259B outside and read it at the feedpoint?

--

72/73 de Jim, KD1YV

Next millennium doesn't start until Jan. 1, 2001 ! National Institute of Standards and Technology.

See <http://www.bldrdoc.gov/timefreq/faq/faq.htm#11>

K2UD@aol.com wrote:

> If I had FRS or CB handhelds, the job of adjusting the tuner at the base of
> my end-fed 1/2 wave would be much easier. The person in the shack looking at
> the MFJ-259B could "talk" me in to the lowest SWR while I'm outside
> twiddling. Right now it's a matter of adjust, run downstairs, adjust, run
> downstairs, adj.... you get it.
>
> I have two 2-meter handhelds, but I'm the only licensed member of the family.
> It's just not right to let the other person use one. I'm too correct!
>
> 72
>
> Howard Kraus, K2UD

Date: Tue, 11 Jan 2000 21:53:23 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>, "NJQRP" <NJQRP@njqrp.org>
Subject: [60091] "Poqet PC for QRP" information web page
Message-ID: <009201bf5ca8\$3275b820\$d159accf@ire.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There's been so much interest over here on the east coast regarding the availability of a cheap (\$25) battery-operated DOS XT-compatible palmtop computer called the "Poqet PC", that we've collected all commentary, description, related links and reviews onto a webpage at the NJQRP website: <http://www.njqrp.org/poqetpc/>

Sorry if this seems like an off-topic subject, but it's really not. These small, portable devices are just wonderful for contest logging in the field, RS-232 dumb terminals for some of our radio shack gear, and as packet/PSK31 controllers.

72, George N2APB
n2apb@amsat.org

Date: Tue, 11 Jan 2000 21:02:59 -0600
From: "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
To: "qrp reflector" <qrp-1@Lehigh.EDU>
Subject: [60092] First Milliwatt Contact
Message-ID: <000301bf5ca9\$8b3ca8a0\$c4fc0b3f@default>

Whoopee!!
Made my First 950 mW contact tonight!

John, W0FEV was my victim as he had
to really work to pull out my signal out of
the QRM but I got a 469 from him.

I was running my Ten Tec Argonaut 509 at
just under 1 watt. Doesn't even qualify for
1000 mpw but it was still fun!

Mike in Minnesota

Date: Tue, 11 Jan 2000 21:06:21 -0600
From: Marty Watt <N5NW@midsouth.rr.com>
To: qrp-1@lehigh.edu
Subject: [60093] Re: FCC Regulation Question - Was FRS
Message-ID: <dkrn7s4lti4r1krp30m8a609i6peestplh@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Tue, 11 Jan 2000 16:17:59 -0800, Jeff Grudin <grudin@vdb.com> wrote:

>I have always wondered about this topic that some of you guys have
>brought up. =20
>
>I can be the control operator and allow an unlicensed person to use my
>rig. =20
>
>I can operate any number of transmitters at one time. =20
>
>So can I allow an unlicensed person to use my HT when they are in my

>sight and I am acting as control operator. For example - If I am on my
>roof and they are 20ft away on the ground. I can still supervise the
>operation of the transmitter and be sure that it is being used properly
>and in accordance with FCC regulations.

>

>It seems that this would be legal to do.

Except that you must be in physical control (which can be by remote link,=
but

you have to monitor all the time). I use the "curse word" rule. We =
don't

have delay timers, but as a control op, you should be in a position to =
cut the

transmitter off at any moment, immediately after it registers that your =
op

said a naughty. :)

--

Marty, N5NW

Lakeland (Memphis), Tennessee

<http://marty.w.tripod.com/>

N5NW@midsouth.rr.com

Date: Tue, 11 Jan 2000 22:08:43 -0500

From: Fred Lesnick <flesnick@tbaytel.net>

To: QRP Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Amateur Radio Discussion
<qrp-1@Lehigh.EDU>

Subject: [60094] Foxhunt:

Message-ID: <387BF03B.2C80543F@tbaytel.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Lots of hungry hounds out there tonight..Bruce(VE5RC),I heard you loud
and clear,and Earl(VE6EWM),heard you also...I even heard a VE1 trying to
work Jay.His signal was up and down here in Thunder Bay,Ontario.Better
luck next time.

72 Fred

VE3FAL

You can do so much with so little...

Date: Tue, 11 Jan 2000 22:10:26 EST
From: Nv4t@aol.com
To: w5usj@globeco.net, qrp-1@lehigh.edu
Subject: [60095] Re: DRIVING GROUND RODS
Message-ID: <95.95041f0c.25ad4aa2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

The army has an interesting method , quite similar to the one using the larger lead filled pipe. If one of their kits is available , it sure would be a neat wayto put ground rods in!!

Date: Tue, 11 Jan 2000 20:24:12 -0700
From: Bruce Toback <btoback@optc.com>
To: <N5NW@midsouth.rr.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [60096] Re: FCC Regulation Question - Was FRS
Message-ID: <200001120443.VAA21252@landru.optc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Marty Watt wrote:

>[Jeff Grudin wrote:]
>>So can I allow an unlicensed person to use my HT when they are in my
>>sight and I am acting as control operator. For example - If I am on my
>>roof and they are 20ft away on the ground. I can still supervise the
>>operation of the transmitter and be sure that it is being used properly
>>and in accordance with FCC regulations.
>>
>>It seems that this would be legal to do.
>
>Except that you must be in physical control (which can be by remote link, but
>you have to monitor all the time). I use the "curse word" rule. ...
>as a control op, you should be in a position to cut the
>transmitter off at any moment, immediately after it registers that your op
>said a naughty. :)

Since in the given scenario, you have a bucket of heavy tools 20 feet above the op, it seems to me that the necessary control could be effected.

-- Bruce, KN6MN

Bruce Toback Tel: (602) 996-8601 | My candle burns at both ends;
OPT, Inc. (800) 858-4507 | It will not last the night;
11801 N. Tatum Blvd. Ste. 142 | But ah, my foes, and oh, my friends -
Phoenix AZ 85028 | It gives a lovely light.
btoback@optc.com | -- Edna St. Vincent Millay

Date: Tue, 11 Jan 2000 22:04:41 -0600
From: Jay Freeman <jayFreem@direcpc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, "Paul R. Valko"
<prvalko@oakland.edu>
Subject: [60097] FOX: Preliminary log 01/12/2000
Message-ID: <387BFD59.C98DDBD@direcpc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, I had fun, I hope you hounds did too. The QRN got worse as the night went on, and my ears got tired too, I think. I hope I didn't dissappoint too many of you, but my ears aren't as good as some folks at separating signals. Thanks to those who stuck with me, and to those who've already sent me kind words :). Apologies to A?7C?, you got wiped out by QRM, and to anyone whose name or call I've butchered while typing this in.

Fox Log 0100=0300 12 Jan 2000 - WT9S

Time Call Fox RST Hound RST QTH Name QRP-L # Pwr

0102 N4ROA 599 599 VA DAN 970
0104 N9AW 599 599 WI JERRY 1271
0106 N0EA 599 559 MO WAYNE 1058
0107 K0EVZ 579 569 ND DOC 861
0111 W0CH 579 579 MO DAVE 618
0114 N0DT 579 559 MO DAN 1004
0116 KU4AF 559 559 NC JOHN 987
0118 WS4S 599 579 TN CONARD 993
0120 W8SFF 579 559 MI STEVE 1298
0128 WB8KQY 579 579 OH GARY 446
0132 KA4BM 559 559 FL JIM --- 5W
0135 KB9IUA 589 599 IL KEVIN 384
0137 W0RSP 579 579 SD ADE 661

0140 N8VAR 579 559 OH RON 263
0144 K5AAR 559 559 OK DON 1512
0146 AB8DF 579 559 MI ED 1444
0148 N8XI 579 569 MI RICK 1368
0152 KU7Y 559 559 NV RON 17
0154 N0FR 579 579 MN JIM 799
0155 NV4V 579 579 KY PETE 1721
0158 N0EHW 579 579 MO TIM 2047
0201 AF4PS 559 569 FL MAC 704
0207 N1LN 549 559 TX BRUCE 2049
0209 K8CV 579 559 MI WALT 935
0213 N1TP 559 559 FL TOM 1317
0215 W0J0E 579 569 MO JOE 1901
0218 KI0II 579 569 CO RON 928
0220 AE9K 599 599 WI BRIAN 58
0233 AI3T 559 559 NY AL 1664
0234 NK9G 579 559 WI RICK 2061
0237 AJ4Y 579 569 FL PAUL 1795
0240 W2PFS 559 559 NY HAL 2078
0244 K1MG 449 449 CA MIKE 614
0248 N5JI 559 559 TX RICH 1054
0252 W5TW 559 559 TX TOM 1474
0256 WV3W 599 559 VA PAUL 1214
0259 K5HO 559 559 OK BILL 2009

73,

Jay

--

* Jay Freeman - WT9S ARRL *
* G-QRP 10319 QRP-ARCI 9981 ARS 562 *
* SASS #18700 NRA Life *

Date: Tue, 11 Jan 2000 20:14:47 -0800
From: Frank McCrackin <wb6lma@cdsnet.net>
To: qrp-1@Lehigh.EDU
Subject: [60098] Re: Matchbox
Message-ID: <387BFFB7.3C5E@cdsnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Dear Arjen,

I used the antenna modeling program called EZNEC to model your antenna. I found that the impedance at the end of the open wire feedline on 20m was about $630 + j1321$. I suspect that this impedance is out of the range of your antenna tuner. If you add about 3 meters to the length of the feedline, the impedance changes greatly to about $60 - j400$. That should be tunable. Subtracting a bit of feedline would probably work just as well.

Frank, wb6lma@cdsnet.net

Date: Wed, 12 Jan 2000 04:23:56 +0000
From: Brian Short <bshort@speedchoice.com>
To: qrp-1@lehigh.edu
Subject: [60099] The Bererage Antenna Handbook
Message-ID: <4.1.20000112042254.02d364c0@mail.phoenix.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

See: <http://homepages.go.com/~wikk2/bah.htm>

--
Brian K. Short <http://www.qsl.net/k7on/> <mailto:k7on@arrl.net>
--

Date: Tue, 11 Jan 2000 22:27:23 -0600
From: Dave Redfearn <n4elm@texoma.net>
To: kc8aon@juno.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [60100] Re: Ready built multiband QRP rigs ?
Message-ID: <387C02AB.F95B728A@texoma.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

kc8aon@juno.com wrote:

>
> Who makes ready built multiband QRP rigs ? Would also like to have info
> on their websites please. This info is for an older ham that cannot see

Hi Rick,

Well, any radio that the output power can be turned down to 5 watts or

less is QRP.

I use a TT Corsair II at 4.5 watts quite a bit and it works great.

QRP just means that the transmit power is 5 watts or less.

Commercially, I think the MFJ 90XX single band radios and the SGC-2020 (20 watts) are the only current low power radios made.

On the used market you should be able to find commercial radios like Ten-Tec Argonauts, Ten-Tec Argos, Yaesu FT-7, Kenwood TS-120S, Kenwood TS-130S, Index Labs QRP++.

And built kits like OHR 100, Ten-Tec 13XX, Wilderness Radio Sierra & SST, NORCAL 40A & NC-20, and Small Wonders to name a very few.

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX

Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)

QRL? de N4ELM/qrp

Date: Wed, 12 Jan 2000 04:43:50 GMT

From: "Bill Todd" <zapzap73@hotmail.com>

To: qrp-l@lehigh.edu

Subject: [60101] FOX ALERT for 1/14/99 (N7MFB)

Message-ID: <20000112044350.50764.qmail@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Ok hounds, this Thursday night (in North America), at 01/14/00 0200 GMT, you have the rare opportunity to work Bay Center, WA!!

That's right. Yours truly will put Pacific County Washington on the map as this is my first appearance as a FOX.

FREQs: I will try 7.042 and or 7.037-8, depending on QRM. I may even QSY from one freq to the other as the evening progresses. I have a RIT, and I will use it.

RIG: Kenwood 820S with 250 hz filter, running 5 watts QRP.

ANTS: I'll start off with my "fat" 40 meter inverted vee up about 35 feet, and I will alternate every 15 minutes to my 80 meter double extended Zepp, up at approx 50 feet.

KEY: I will be using my right hand to send code - no computer generated CW

(or logging software...arggg) here folks, via my new? handy dandy Heathkit keyer and outboard Bencher paddle.

My exchange will be RST WA Bill 715

Let's have fun, and may the clams, oysters and crabs of Willapa Bay support my effort! he he

CUL, Bill-N7MFB

PS Please try to only give your call ONCE when making your call. My hearing is pretty fair (though the hair on the top of my head has been burned off from excessive thinking).

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 11 Jan 2000 22:43:51 -0600
From: Oscar A Hoyt <k5ubs@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [60102] Re: Loudspeaker Field Coil Info?
Message-ID: <20000111.225213.-130217.2.k5ubs@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

First shortwave receiver I had had a speaker like that. the coil was used before magnet type speakers. On mine the coil was also the choke inductor for the powersupply, served two purposes. My receiver had no cabinet, my aunt gave it to me after a mover dropped the radio and busted the console cabinet.

Oscar Hoyt, ham since '55, ARRL, QCWA, QRP-L 1733, NORCAL

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Tue, 11 Jan 2000 23:02:08 -0600
From: Dick Carroll <dixie@townsqsr.com>
To: ka0gkc@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [60103] Re: Super Bright LED Lighting Design?

Message-ID: <387C0AD0.F6A5E74F@townsqr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

RV supply firms sell 12VDC flourscent lights of several sizes.

Dick W0EX

Cla KA0GKC wrote:

>
> ----- Original Message -----
> From: "Mark Adams" <n2vpk@hotmail.com>
>
> | Hi Gang,
> |
> | I hope by the end of the week to have my shack 80% solar powered. Since all
> | equipment will be running off a 12V distribution panel, I need a general
> | area lighting fixture that is also 12V.
>
> I think you would be better off building a circuit to operate a small
> fluorescent lamp. Something in the 20 watt range should provide about the
> same light as a 60W incandescent. Look at the Homepower magazine site for a
> start. A Yahoo and/or Deja search would probably find a circuit. As I recall
> this type of inverter is operated at a much higher frequency then 60hz and
> this boosts the efficiency and reduces the size of the transformer. A small
> filament transformer might even work backwards.
>
> Hope this Helps,
>
> 73 de Cla

Date: Tue, 11 Jan 2000 22:56:00 -0800
From: Ed Loranger <we6w@netzero.net>
To: Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>
Subject: [60104] QRQ Net Practice Sentences HERE!
Message-ID: <387C2580.5E39250A@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang, here are the practice sentences for our QRQ Net, (A QRP net with attitude).

- 1) Alltogether, seemingly different items can be somehow linked.
- 2) A permeability tuned R390 and R390A is a favorite of mine.
- 3) Characterization of inductors and capacitors is a cinch with an LC meter.

NET FORMAT:

Callup for stations. Ensure all stations have hardcopy of all 3 sentences.

Generate station sending list order. First to last stations send sentences.

Call CQ for new check-ins AFTER EACH round. Stations increase their speed 2 to 4 WPM at THEIR rate. Run about 6 to 8 rounds and sign off after a call for comments.

See you on 7039 KHz Sunday, 6 and 7 PM PST (0200/0300Z Monday).

13-24 WPM begins at 0200Z

18-40+ WPM Begins at 0300Z

Escape to 3579 KHz if 40 Meters dies after 0300Z here on the west coast.

72/ED we6w

--

72/Ed we6w; AR Millennium Q's=>2479/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI#64 ARCI#9397 ARS#275 L#1068 NC#2227

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<http://www.netzero.net/download/index.html>

Date: Wed, 12 Jan 2000 01:28:37 -0600 (CST)
From: aweiss@usd.edu (Ade Weiss WORSP)
To: qrp-l@lehigh.edu
Subject: [60105] 160 Times
Message-ID: <200001120728.BAA05844@sunburst.usd.edu>

Hi all:

A few QRP'rs have suggested checking 1810kHz at 0330Z and 0400Z as

sort of a "opportunity time". The more QRP'rs that get on a a particular time, the better chance of QSO's

Also, for early birds, MW-king Jim Hale is doing the 1100Z gray-line shift. Any out there who want to set up pre-sunrise as an "opportunity time"?

I'm sure that if we do some minal time-slot coordination, QRP will get going on 160 pretty quickly.

Posts noting when you are going to check and call CQ QRP will alert the rest of us about when to listen.

Incidentally, a comment about calling on 160m. On 20-15-10, you can respond to a CQ with a 30wpm 1x1 and sort of assume that if he doesn't come back, he can't hear you. On 160m, two factors render that approach insane -- noise and QRN, and QSB. 160m has been beset with noise during the winter season so far that is rather atypical. The result is that fast and weak QRP signals get washed -- one can detect the presence of a signal, but the noise is such that, even though random, it wipes out fast weak cw. Second, QSB on 160m is different. It can produce a short peak, and then trough for a long time. What this means is that when the other station has trouble copying you because of QSB, you have to repeat several times and do it slowly hoping you'll rise out of the trough. W0UFO mentioned our short QSO the other night in a previous post. He came out of the noise long enough for me to copy his call and my sig report -- and then started dipping rapidly -- I could tell he was there, but in the noise. Slow sending helps by creating a contrast with the fast-spike noise on 160m. Often enough on 160m, one has to read the contrast rather than the signal. So, if you get a QRZ? or "name?" query, it is time to QRS to 16wpm and start repeating. Because of the long-term trough QSB, don't give up! I've had a couple give up on me when I was sure that if they kept trying long enough, they'd rise out of the noise.

Overall, remember, 160m is NOT 10m -- QRP DX is not measured in thousands of miles, but in hundreds of miles. For me to work CA from here is a major achievement at 4-watts to my antenna.

So, QRP'rs in more populous areas like the right coast have a better chance at making QSO's than us out here in nowhere-close land.

160m has its own characteristics and consequent rules. It is a learning experience. But boy, working the few QRP'rs that I have sure makes it very enticing!

Sure hope to meet many of you on the low-band!

72, Ade

Date: Wed, 12 Jan 2000 00:49:33 PST
From: "Leon Heller" <leon_heller@hotmail.com>
To: n2vpk@hotmail.com, qrp-1@Lehigh.EDU
Subject: [60106] Re: HB: Super Bright LED Lighting Design?
Message-ID: <20000112084933.51647.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Hi Gang,
>
>I hope by the end of the week to have my shack 80% solar powered. Since all
>equipment will be running off a 12V distribution panel, I need a general
>area lighting fixture that is also 12V.
>
>DigiKey has super bright LEDs with the following specs:
>
>T1 3/4
>V(t) typ = 3.75
>mcd = 2300
>View angle = 20 deg
>Part # CMD333UWC-ND
>Price \$3.72 ea for 10 or more.
>
>What I need to know is:
>
>1. About how many of these LED's will I need to equal the light output of a
>60W incandescent bulb?
>
>2. How do I wire these together? I do not recall seeing any plans for such
>a
>light, but many of the alternative energy catalogs now sell them
>
>I would hate to order a \$75 lamp only to tear it apart to get a wiring
>diagram :-)

Power consumption can be reduced considerably by pulsing the LEDs. You can
get away with a low duty cycle, because of the way the visual system works.

Leon

Leon Heller, G1HSM

Tel (work): +44 1327 357824
Tel (mobile): +44 79 9098 1221
Email:leon_heller@hotmail.com
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 12 Jan 2000 01:53:13 -0600
From: Earl Murphy <earlmurf@telusplanet.net>
To: qrp-l@lehigh.edu
Cc: qrp-canada@lists.gpfn.sk.ca
Subject: [60107] FS---SWL GREEN MOUNTAIN GM-20 & EPIPHYTE II
Message-ID: <387C32E9.5C6A@telusplanet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, too many radios:

SWL GM-20: 20 Meter CW, 10 turn tune pot, 70Khz tuning range, RIT, K1MG
Digital Display freq/clock, CNC punched custom case, built-in speaker, 3
watts output, manual. \$160.00 US + shipping.

EPIPHYTE II: 80 Meter SSB, 10 turn tune pot, 100Khz tuning range, CNC
punched custom case, built-in speaker, mic and speaker jacks, 5-8 watts
output, manual. \$125.00 US + shipping.

Units were built by yours truly, and are in perfect working order.

If you are interested just email reply.....

72....Earl (VE6EWM)

Date: Wed, 12 Jan 2000 06:02:05 -0500
From: Charles Greene <cgreene@loa.com>
To: cfitts@neca.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [60108] Re: Loudspeaker Field Coil Info?
Message-ID: <4.2.2.20000112055546.00ac51a0@mail.loa.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:39 AM 1/11/00 -0500, Charlie Fitts wrote:

>I just acquired a few old speakers that have field coils instead of
>permanent magnets. Does anyone out there know anything about hooking these
>up?

>

>The speakers came with info on matching the voice coils to the impedance of
>several different audio tubes, but there is no info on connecting the field
>coils. Impedance (resistance?) of the field coils on the various speakers
>ranges from 4 ohms to 3000 ohms which I suppose means they were designed
>for different DC voltages. Any help would be appreciated.

>

>I'm thinking of using one with a tube type regen receiver that I'm also
>thinking of building.

Charlie,

If I recall correctly, the field coil was used in series with the B+. The B+, typically +250 volts came from the rectifier which was filtered with a capacitor choke combination, then passed through the speaker field coil before going to the tubes. Of course, you don't have to do it this way, You can use a low voltage power supply and a current limiting device such as a resistor and limit the current through the field coil. You will have to determine the current by trial and error.

72/73, Chas W1CG

Date: Wed, 12 Jan 2000 06:59:18 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <dixie@townsqsr.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [60109] Re: Super Bright LED Lighting Design?
Message-ID: <007001bf5cf4\$8f3a4700\$f0f9fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

AND places like ALL Electronics sell the boards to directly drive the tubes from DC power by themselves for 'build in' type projects if you want to go that way.

Mike

-----Original Message-----

From: Dick Carroll <dixie@townsqsr.com>

>RV supply firms sell 12VDC flourscent lights of several
>sizes.

>

>Dick W0EX

>

>

>Cla KA0GKC wrote:

>>

>> ----- Original Message -----

>> From: "Mark Adams" <n2vpk@hotmail.com>

>>

>> | Hi Gang,

>> |

>> | I hope by the end of the week to have my shack 80% solar powered. Since
all

>> | equipment will be running off a 12V distribution panel, I need a
general

>> | area lighting fixture that is also 12V.

>>

>> I think you would be better off building a circuit to operate a small
>> fluorescent lamp. Something in the 20 watt range should provide about
the

>> same light as a 60W incandescent. Look at the Homepower magazine site
for a

>> start. A Yahoo and/or Deja search would probably find a circuit. As I
recall

>> this type of inverter is operated at a much higher frequency then 60hz
and

>> this boosts the efficiency and reduces the size of the transformer. A
small

>> filament transformer might even work backwards.

>>

>> Hope this Helps,

>>

>> 73 de Cla

>

Date: Wed, 12 Jan 2000 07:11:26 -0500

From: "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
To: <qrp-l@Lehigh.EDU>
Cc: <n4roa@mounet.com>
Subject: [60110] 160 Meters *** WOW ***
Message-ID: <001f01bf5cf6\$d468c750\$0102030a@amd300>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Morning folks,

Had a GREAT morning here on 160 - 1810

N2YSC in Brandywine, MD 10:30Z QRO I think, not sure
AA8PJ in Dover, OH 11:30Z 2 watts on a Sierra

and last but surely not least....

N4ROA in VA, Dan running 20 mWatts that's 0.02 Watts :)
I gave him a 119 to 229; took a while to get his data
but we did it. He gave me a 599; felt bad running 5 watts :)

I just got an email from Dan; he says...
202 miles. That figures out to 10100 miles per watt

Ain't this hobby FUN!!!

73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"
Loveland, Ohio - NE suburb of Cincinnati
FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493
<http://w3.one.net/~gentzow/wb8qyy.htm>

Date: Wed, 12 Jan 2000 08:03:18 +0100
From: DL2FI@t-online.de (Peter Zenker)
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [60111] SPRAT on CD arrived today
Message-ID: <000201bf5ccb\$1af5dc20\$0084fea9@ZenkerPN>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Today I received my SPRAT on CD.

Believe me, I am excited!

Not simple scanned but indexed for

Headings,

Calls

Issues,Authors

Calls

Articles (This allows full text research within the headings)

All datas are in PDF format. Each page can be shown on the monitor or printed and the printout is an exact copy of the original.

The CD is personalized by a Disk delivered with the CD, but you have the disk to use only during instalation procedure.

For those who missed the previous informations: SPRAT on CD contains complete SPRAT edition from No 1 to No 100. It is available at

<http://www.funkamateur.de>

special offer for Members of G-QRP-Club and DL-QRP-AG

Peter

PS: Yes, I am the QRP-Editor of FUNKAMATEUR magazin but I have NO comercial relations to. I post this only because I am so excited and IMHO this CD is a fantastic tool for us QRPers.

Date: Wed, 12 Jan 2000 05:15:23 -0700

From: tom whalen <wb5qyt@eFortress.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [60112] Early morning 160

Message-ID: <387C705B.2DDE@eFortress.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Gang,

I will be operating mobile on 1.810 from 1300-1330z as I trek to work.

Hope there are some early risers on like Ade suggested.

72, Tom WB5QYT..."Have spud will travel!"

Date: Wed, 12 Jan 2000 06:55:18 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-1@Lehigh.EDU
Subject: [60113] Butternut on 160 ?s
Message-ID: <3.0.2.32.20000112065518.007b8a50@bosshog.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

160 Folks,

Seems like the inverted L is the more popular antenna from those that replied. Although, the varitey was quite wide ranging. And thanks all for your comments.

I have made contacts on 160 by shorting the coax and using a antenna coupler with a balun. It worked when I lived in the city but I can't get it to load with my present installation out here in the country. The coax runs horizontal for several feet then is taped to the metal vertical center support mast for several feet.

Has anyone used a Butternut vertical with the 160 kit? It's kind of pricy but I thought I'd give it a look as I have a Butternut antenna.

Listened on 160 this am from 1100 to 1130 but no CW around 1810. I did hear several SSB (QR0?) stations up the band.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Wed, 12 Jan 2000 08:21:07 EST
From: Wb4jjj@aol.com
To: qrp-1@lehigh.edu
Subject: [60114] HB: Transformer Question
Message-ID: <44.44d661f3.25add9c3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have a nice new 24v, 1a transformer from Hosfeldt that I want to use in a project. I happen to be fascinated with power supplies right now.

This one isn't center tapped, and herein lies my question. It has two yellow wires on one side and two red wires coming out the other. Is there some color convention applied by the transformer trade that denotes the 110

volt side versus the 24 v side? Which color do I plug into the mains?

The red wires show 18.2 ohms resistance when measured across the ends, the yellow wires show 0.1 ohm. My logic tells me that the 110v winding is the longer one, and that the red wires therefore are the high voltage side. I am usually wrong on these things, however. And, another transformer here has red wires on one side and a black and a white wire on the other side, which clearly work well when the black and white wires are plugged into the mains. This was one time when my often faulty logic worked after nothing that the mains had black and white wires. So maybe color isn't a clue after all.

Learned the hard way that you gotta check these things out carefully before you plug them in. I bought a 28v, 1.5a transformer from another surplus house. It turned out to be a 37 volt transformer, but I only found that out after I exploded a 35v, 1000uf cap in my face! About the same effect in a small room as a cherry bomb.

73, and thanks for any input... It seems the more I learn about this stuff the less I know.

Al, WB4JJJ
Fairfax, Virginia

Date: Wed, 12 Jan 2000 08:31:29 EST
From: James4296@aol.com
To: qrp-1@lehigh.edu
Subject: [60115] hamfests
Message-ID: <6d.6d4f7415.25addc31@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Having a great time with my MFJ 9040 and 9020. Thanks for all the help getting them fixed.

Looking foreward to seeing MFJ himself at the Jackson, Ms. hamfest the first weekend of Feb. and at the Dixiefest in Memphis, Tn. on the 12 and 13 of Feb. Check out Dixiefest.org for details and look for me, KI4I and wife, WB4FAA at the hamfests.

73.....Jim, KI4I

Date: Wed, 12 Jan 2000 06:37:53 -0700
From: Bob Hightower <ki7mn@extremezone.com>

To: qrp-1@lehigh.edu
Subject: [60116] FOX Freqs
Message-ID: <200001121336.GAA28308@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've seen a couple of notes recently announcing that the FOX will be on or near certain frequencies, and I notice that 7.038 or vicinity has been mentioned.

Folks, we have all heard, and made, complaints about others using 'our' calling frequency of 7.040, which we really can't do much about but hope that the word will be heard. 7.038 is generally known as the FISTS calling frequency, so why not honor that and stay away from it? The tremendous roar put up from the hunters will surely not get us any FISTS supporters if we are on their calling freq.

Speaking of the roar, last night was ridiculous. Many callers repeating their calls until the roar lasted for 15-20 seconds, while the FOX was in qso with another hunter. If you can't hear him well enough to know that he is working another hunter, how can you possibly hope to hear that he has heard and is answering your call? Also seemed to be like a contest to see who wait the longest to get their call in.

Bob Hightower KI7MN
Chandler, AZ

<http://www.extremezone.com/~ki7mn>

Date: Wed, 12 Jan 2000 07:01:10 -0700
From: "Rod, N0RC" <n0rc@yahoo.com>
To: <ki7mn@extremezone.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [60117] Re: FOX Freqs
Message-ID: <003301bf5d05\$878938c0\$b6101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bob et. al.

----- Original Message -----

From: Bob Hightower <ki7mn@extremezone.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, January 12, 2000 6:37 AM
Subject: FOX Freqs

> that the word will be heard. 7.038 is generally known as the FISTS calling

I was under the impression that FISTS frequencies end in .x58 (.058, .158, .258, etc).

> Speaking of the roar, last night was ridiculous. Many callers repeating
> their calls until the roar lasted for 15-20 seconds, while the FOX was in

Yes things seemed a bit disorderly last night. I started calling 500-700 up it was dead quiet up there. Never got a call. I finally moved to with-in +-200 of the Fox, still no call. Seems like most stations I heard were +-50-100 of the Fox. (I was using my Icom with the 250Hz filter switched in and could hear most of the Hounds.) I grew weary of the cacophony and threw in the towel at about 15min to the hour.

72/3 Rod, NØRC -- Fort Collins, CO

Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.

<http://im.yahoo.com>

Date: Wed, 12 Jan 2000 14:19:05 -0000
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [60118] QRP FS
Message-ID: <018601bf5d07\$fc851e80\$15a832d4@o6s6r4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For sale:

Index QRP Plus mark 1 software upgraded to MK2. Worked lots of DX including VK

CW, QRP SSB, CW

see <http://www.g3ycc.karoo.net/qrpplus.htm>
Price 325 uk pounds including UK postage or DX at cost

73 Frank G3YCC
QRP Web Pages <http://www.g3ycc.karoo.net>

Date: Wed, 12 Jan 2000 09:57:24 -0500
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <vferme@sprint.ca>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [60119] RE: Comm Quart and ARRL.
Message-ID: <000201bf5d0d\$56578ec0\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

The ARRL sent me a notice about the merger of Comm Quart with ARRL's QEX.
The notice includes a subscription algorithm describing how many issues a
subscriber to both (like me) is entitled to.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
Vincent Ferme
Sent: Tuesday, January 11, 2000 8:42 PM
To: Low Power Amateur Radio Discussion
Subject: OT: Comm Quart and ARRL.

Just read in one of the newsgroups that the ARRL purchased Comm Quart from
CQ.
There was also mention of the purchase by the ARRL of the Ham Radio Magazine
archives and eventual production of a CD-Rom compilation. Anyone heard about
this?

Other changes this month: Popular Electronics and Electronics Now became
PopTronix; CQ VHF merged with CQ.

73 de Vince, VE3VFN

Date: Wed, 12 Jan 2000 09:14:33 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: w5usj@globeco.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [60120] Re: Butternut on 160 ?s
Message-ID: <387C9A59.3BE65961@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Chuck Carpenter wrote:

>

> Has anyone used a Butternut vertical with the 160 kit? It's kind of pricy
> but I thought I'd give it a look as I have a Butternut antenna.

I have the 160 meter kit on my Butternut HF2V and when it works, it does okay for US but never did all that well for DX. Antenna is very short for 160 (only 33 feet).

Bandwidth is narrow. 2:1 swr over maybe 25 khz and even less if you have a very good ground. In fact the worse the ground, the wider the bandwidth. My ground mounted vertical have 8-10 radials 20-30 feet in length.

My biggest complaint and it may be just my antenna, is that I have a hard time keeping the antenna resonant where I want it (1830 khz). Last time I checked it was resonant about 1750 khz. Why it changes so much on this band when it doesn't change on 80 is certainly a questionmark.

73 de Dave, N0IT

Date: Wed, 12 Jan 2000 10:23:26 EST
From: Drbob92031@aol.com
To: Wb4jjj@aol.com, qrp-1@lehigh.edu
Subject: [60121] Re: HB: Transformer Question
Message-ID: <16.1676e120.25adf66e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Al;

I HB'd a power xformer from an old one from the ground up. I have some suggestions. First the xfmer with the black and white lead. Black is the HOT lead and white the neutral lead.

Suggestion;

Measure the resistance across the unplugged black and white leads and also the resistance across the secondary leads. See how close they come to the xformer you have in question. 2nd suggestion; if you want to check the xfmer in question plug the 2 red leads into the AC and have nothing attached to the secondary leads, read the Vac across those leads.

Let me know how things turn out please.

72/73...de Wa2eaw..Bob

Date: 12 Jan 00 15:49:20 America/Fort_Wayne
From: M Goins <mgoins@usa.net>
To: qrp-l@Lehigh.EDU
Subject: [60122] vacation - for KH's only
Message-ID: <20000112154920.7388.qmail@aw164.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Planning a vacation to Hawaii in July and was wondering if there are any =
KH

qrpers who subscribe to this list. Is so, please reply off list to
mgoins@usa.net

thanks.

-mike
wb5yjx

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Wed, 12 Jan 2000 09:53:09 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List 2" <qrp-l@Lehigh.EDU>
Subject: [60123] Speaking of Gray Line
Message-ID: <007f01bf5d15\$203c91c0\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Years ago there was an old program which when run would show a world map and superimposed over it was the twilight(?) moving as the day/night moved over the map

I believe this was called "GEOCLOCK" and was a DOS program and may have been shareware. I have seen a wall clock which shows this, even advertised in QST, but it is VERY expensive.

Anyone know of something like this which is more current? Seems like it might be useful for tracking the gray line.

Dan W. Dooley WB5TKA
e-mail to: dandoooley@pipeline.com
Si Hoc Legere Scis Nimium Eruditionis Habes

Date: Wed, 12 Jan 2000 11:07:47 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <dandoooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [60124] Re: Speaking of Gray Line
Message-ID: <06eb01bf5d17\$58b8cbc0\$9001a8c0@wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes indeed it was Geoclock. The 'public' version had a simple day,night terminator. The 'paid for' version showed a 'grey line'. There was also a number of HAM enhancements to the program that could be purchased from the author.

I should have the authors contact information around here 'somewhere'...

Ah... Here it is, don't know if it's still current though.

The multiple license pricing system for the GEOCLOCK program is:
1 - \$30; 2-9 - \$25/license; 10-20 - \$20/license; 21-40 copies - \$15/license;
\$600 for unlimited use at a single site. Multiple license prices assume that the purchaser will produce copies from a single master copy.

GEOCLOCK Registration(s) & Disk (5.25 in) with
EGA/VGA/SVGA/CGA/HGC/MCGA/PC3270/AT&T versions \$30.00

Supplemental maps (at least 20), and the next
major release mailed when available - these are
all available free from my RBBS \$20.00

3.50 inch disk instead of 5.25 inch ADD \$ 5.00

HAM radio add-in for EGA/VGA/800x600 (include
call sign and station latitude and longitude) \$30.00

Joseph R. Ahlgren
2218 N Tuckahoe St.
Arlington, VA 22205-1946

> Years ago there was an old program which when run would show a world
map and
> superimposed over it was the twilight(?) moving as the day/night
moved
> over the map
>
> I believe this was called "GEOCLOCK" and was a DOS program and may
have been
> shareware. I have seen a wall clock which shows this, even advertised
in
> QST, but it is VERY expensive.
>
> Anyone know of something like this which is more current? Seems like
it
> might be useful for tracking the gray line.
>
> Dan W. Dooley WB5TKA
> e-mail to: dandoooley@pipeline.com
> Si Hoc Legere Scis Nimium Eruditionis Habes

Date: Wed, 12 Jan 2000 10:13:13 -0600
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
To: <dandoooley@pipeline.com>, "'Low Power Amateur Radio Discussion'" <qrpl@Lehigh.EDU>
Subject: [60125] RE: Speaking of Gray Line
Message-ID: <000001bf5d17\$ed6392a0\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I have a copy (v 7.5), want it?
It's about 500K. If you don't want it in email I put it where you can get it by http

let me know.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Dan W. Dooley
> Sent: Wednesday, January 12, 2000 9:53 AM
> To: Low Power Amateur Radio Discussion
> Subject: Speaking of Gray Line
>
>
> Years ago there was an old program which when run would show
> a world map and
> superimposed over it was the twilight(?) moving as the
> day/night moved
> over the map
>
> I believe this was called "GEOCLOCK" and was a DOS program
> and may have been
> shareware. I have seen a wall clock which shows this, even
> advertised in
> QST, but it is VERY expensive.
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> Anyone know of something like this which is more current?
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> might be useful for tracking the gray line.
>
> Dan W. Dooley WB5TKA
> e-mail to: dandoooley@pipeline.com
> Si Hoc Legere Scis Nimium Eruditionis Habes
>
>

Date: Wed, 12 Jan 2000 11:29:31 EST
From: GElam30092@aol.com
To: qrp-1@lehigh.edu
Subject: [60126] Re: Speaking of Gray Line

Message-ID: <19.19631e5c.25ae05eb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 1/12/2000 8:55:16 AM US Mountain Standard Time,
dandooley@pipeline.com writes:

<< Anyone know of something like this which is more current? Seems like it
might be useful for tracking the gray line. >>

There are several software versions available. Sidekick '98 has a version in
their package.

I also just downloaded "Earth & Sun", a freeware program, and installed it in
my PalmPilot.

The nice thing about Earth & Sun is that you can do rough distance
calculations clicking on the PalmPilot screen. It also gives you bearings
too. I say *rough* because of the size of the screen and the relative map
size.

The program is on 50.3 kb zipped and if you have a PalmPilot and want to give
it a try, let me know and I'll forward a copy. There is also a HTML file
that will give you the instructions if you're not sure. I'll forward that
file upon request too.

(My Palm is several years old so it doesn't take the latest/greatest version
to run it. The only difference is that the newer Palms will use the system
clock in a real-time mode and I have to click a button to update the map.)

Cheers,
Gerry
PHX AZ

Date: Wed, 12 Jan 2000 09:40:20 -0700
From: Bruce Toback <btoback@optc.com>
To: <dandooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: [60127] Re: Speaking of Gray Line
Message-ID: <200001121759.KAA22370@landru.optc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Don Dooley writes:

>Years ago there was an old program which when run would show a world map and
>superimposed over it was the twilight(?) moving as the day/night moved
>over the map
>

...

>Anyone know of something like this which is more current? Seems like it
>might be useful for tracking the gray line.

For a free Macintosh version, with source code, see

<<http://www.optc.com/SunClock.html>>

-- Bruce, KN6MN

Bruce Toback Tel: (602) 996-8601 | My candle burns at both ends;
OPT, Inc. (800) 858-4507 | It will not last the night;
11801 N. Tatum Blvd. Ste. 142 | But ah, my foes, and oh, my friends -
Phoenix AZ 85028 | It gives a lovely light.
btoback@optc.com | -- Edna St. Vincent Millay

Date: Wed, 12 Jan 2000 14:22:07 -0300
From: Kleibe Jacinto de Araujo <kleibe@anatel.gov.br>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [60128] Ft 80c Mods!
Message-ID: <6A3A6C7C6177D311932B0000E21F2B78153866@ANATELMAILE>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

My Ft 80c is locked, and i try to put it to operate QRP but i have a =
problem:
some freq are allowed. How to unlock to general ham bands
coverage????? Somebody can help me??? Very tanks to all!

73=B4s
Kleibe Jacinto de Araujo
PP2KJA=20

Date: Wed, 12 Jan 2000 11:38:30 EST
From: K1DXradio@aol.com
To: qrp-1@lehigh.edu
Subject: [60129] Re: Butternut on 160
Message-ID: <3b.3b2f7d9e.25ae0806@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I formally owned the HF2V with the 160M add-on. It worked fairly well with 17 50 ft radials spread over 180 degrees. B/w was 25 kHz from 1825-1850. I could squeek from 1800-1860 with an MB-V tuner. Overall, I consider it a good 160M antenna, but NOT for QRP. I had to hit the thing with industrial-strength power in order to work DX. My bottom line: I stick to 40-10M when QRPing. - George

Date: Wed, 12 Jan 2000 10:43:00 -0600
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
To: <GElam30092@aol.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [60130] RE: Speaking of Gray Line
Message-ID: <000801bf5d1c\$170675b0\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You can also go to <http://www.time.gov> and select your timezone to watch the gray line move.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> GElam30092@aol.com
> Sent: Wednesday, January 12, 2000 10:30 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Speaking of Gray Line
>
>
> In a message dated 1/12/2000 8:55:16 AM US Mountain Standard Time,
> dandoooley@pipeline.com writes:
>
> << Anyone know of something like this which is more current?

> Seems like it
> might be useful for tracking the gray line. >>
>
> There are several software versions available. Sidekick '98
> has a version in
> their package.
>
> I also just downloaded "Earth & Sun", a freeware program, and
> installed it in
> my PalmPilot.
>
> The nice thing about Earth & Sun is that you can do rough distance
> calculations clicking on the PalmPilot screen. It also gives
> you bearings
> too. I say *rough* because of the size of the screen and
> the relative map
> size.
>
> The program is on 50.3 kb zipped and if you have a PalmPilot
> and want to give
> it a try, let me know and I'll forward a copy. There is also
> a HTML file
> that will give you the instructions if you're not sure. I'll
> forward that
> file upon request too.
>
> (My Palm is several years old so it doesn't take the
> latest/greatest version
> to run it. The only difference is that the newer Palms will
> use the system
> clock in a real-time mode and I have to click a button to
> update the map.)
>
> Cheers,
> Gerry
> PHX AZ
>

Date: Wed, 12 Jan 2000 09:42:40 -0700
From: Roger Hightower <n7kt@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [60131] Poqet Computer - QRP machine
Message-ID: <387CAF00.FB893A1C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I received my Poqet yesterday, and began to play with it to see what it will do. This is a real bargain for field use.

I had saved all the postings on using/setting it up, so it went well. Bruce Milne (bmilne@afcom.net) mailed his DOS Logger as an attachment, and it installed easily.

A tip: If you have a PCMCIA adapter in your web machine, just put one of the memory cards from the Poqet in there and copy directly to it. Saves hasseling with all that serial port stuff, which always gets me messed up anyway. If the files are zipped, copy to the big machine, unzip, and then copy to the card.

Joe Everhart posted about doing it this way, and some tips on setup for WIN95 users. It will work on WIN 98 too. One note, though. You will need to have the WIN98 Second Edition CD-ROM handy, because setting up the PCMCIA card slots will require that.

If you're using Net-Tamer DOS like Michael Melland suggested, you can use the Poqet to directly download the files. Pretty cool stuff.

I think I still have a copy of Brian Kassell's contest-specific software for QRP Afield....will put that on a card and see how that goes.

Now I can leave the Toshiba at home and not worry about dinging it up while in the field. Looks like the Poqet will do it all.

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591

Date: Wed, 12 Jan 2000 08:46:46 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [60132] Re: Speaking of Gray Line
Message-ID: <Pine.GSO.4.10.10001120842270.19215-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here is what I think is great news.....

Years ago there was a little "slide rule" that did the gray line for you. No one seems to ever be willing to sell theirs and the company stopped selling them and went to a computer version.

BUT.....I just now found a site where another model is being sold and it looks great.

<http://hometown.aol.com/w7nn/index.htm>

To me these are MUCH nicer than a computer program because I only use a computer in the shade for contesting. No windows.

With my slide rule I have my info before the computer can even get turned on! :-)

Price was about \$25.

No connection with this outfit. I just happen to love my old one and am glad to see them back on the market.

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Wed, 12 Jan 2000 09:05:08 -0800
From: "jmb" <jmb@cruzio.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [60133] Re: ??? Extra Class Study Guides
Message-ID: <031201bf5d1f\$2eceb010\$4c82e3a5@workstation>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Latest word I have is that ARRL is doing a new printing of the current study guides for the benefit of those who are going for an upgrade before April 15th. I contacted Gordon West directly and they are NOT doing a special printing of their materials to meet current demand (dumb!). Also, they are apparently offering the Extra class Ameco (sp?) book instead of the Gordo Extra they normally carry - I have no idea what this Ameco book is like compared to the usual Gordo fare.

Best bet is probably to just order the ARRL book(s) and wait the 2-3 weeks they say it will take to get them out. One good source of ARRL

books is Paul Washa (W0TOK) in Mound, MN. w0tok@email.msn.com. He sells a lot of the ARRL books and his prices are pretty good - he beats the cover price usually by enough to balance out shipping.

73 de K6JMB
Jim Boyle
Santa Cruz, California
FISTS #6537 QRP-1 #1845

Date: Wed, 12 Jan 2000 12:40:07 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [60134] FS: 12V plate tubes
Message-ID: <200001121720.MAA23683@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Howdy,

I found I have a few tubes that run on a 12V plate voltage in the collection. I'm willing to sell them to someone who is seriously interested in doing something with them for the Dayton 45 volt or less tube rig contest. I'd just give them away, but charging a nominal fee will help eliminate those that just want something for nothing, no matter if they need them or not!

Chances are good more than one will want them and I only have one set to sell. So, you'll have to convince me you will be going to Dayton and seriously plan on trying to build a rig with them for the constest.

I have a set of four tubes, new in the original box. \$10.00 post paid. I'll supply the base diagram and what little info my tube book has about them. The four tubes are : 12AC6, (7 pin) remote cut-off pentode, 12AE7, (9 pin) dual triode, 12CN5, remote cut-off pentiode, and a 12CX6, another remote cut-off pentiode. Those should be enough to build a regen Rx and a Xtal controlled Tx.

It would be real handy if you could dig up an old AM tube table radio for the tuning cap, tube sockets, chassie and other odds and ends not commonly available today.

72,
Steve, KD1JV in the white Mountains of New Hampshire

"melt solder"

Date: Wed, 12 Jan 2000 09:46:18 -0800
From: Mike Gipe <mgipe@reliablemeters.com>
To: David Benson <nn1g@earthlink.net>
Cc: "QRP-L list (E-mail)" <qrp-l@Lehigh.edu>
Subject: [60135] DSW-20
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928E83B@mission>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

Dave --

Well, I finally got a spare half hour to finish up the DSW-20 last night. Alignment went smoothly. I hooked up an antenna and heard only a few signals because the band was essentially dead (8:30 PM local). So I tried a CQ just for kicks, and got a call back from a station in Washington. Had a nice half hour QSO before I had to QRT to put my daughter to bed. HW8 @ 3W to DSW20 @ 2w, 579/559. The reply to my CQ was quite far off-frequency, so I had to use the RIT to bring him into the passband. I'm not sure if that was a problem with the HW8 or not. Do you know if the HW8 is a direct conversion rig? If so, he may have been on the wrong side of zero beat. I adjusted the DSW20 offset using a Tek scope with frequency measuring capability. The sidetone measured 798.0 Hz, and I adjusted the test tone to 800.2 Hz (That's as close as I could get!)

Took a quick tune across 20 meters this morning as the sun was coming up. Heard tons of aurora-affected DX. The aurora distortion was so bad that I could only copy a few call signs, but most were Russian or eastern European. North American stations had no distortion. Too bad I had to go to work.

I had no problems whatsoever with construction. Documentation was excellent. This is definitely a good rig for an inexperienced builder. I may have to get the 40 meter version for my daughter!

A keeper!

Mike K1MG
Saratoga, CA

Date: Wed, 12 Jan 2000 11:47:53 -0500
From: "W5TB - 'Doc' Drake" <w5tb@softhome.net>

To: <jmb@cruzio.com>, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [60136] Re: ??? Extra Class Study Guides
Message-ID: <B4A21A69.2984%w5tb@softhome.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

on 1/12/00 12:05 PM, jmb at jmb@cruzio.com wrote:

> Latest word I have it that ARRL is doing a new printing of the current
> study guides for the benefit of those who are going for an upgrade
> before April 15th. I contacted Gordon West directly and they are NOT
....

You will also find on-line study guides at <http://www.qrz.com>

"The new licensing rules that take
place on April 15, 2000 mean that
the 13 and 20 WPM code tests will be
abolished. All current licensees who
have already passed a 5 WPM code
test will be eligible for upgrades
based on written tests alone. At
QRZ, you can start taking practice
written exams right now! Start today
and take pride in being one of the
thousands of new Extra class hams
on the air this summer. Our online
practice tests are proven and highly
effective. ..."

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@arrl.net <http://www.qsl.net/w5tb/>
QRP-ARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
ARRL Life Member

Date: Wed, 12 Jan 2000 10:19:21 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [60137] Fox Challenges.
Message-ID: <387CC5A9.3235131D@qsl.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Last night was a great opportunity for us all.
I found it challenging and mildly rewarding, but
nonetheless, have a "Mad Magazine" type of type
of 'report' on the event:

The foxhunt is probably too easy when:

The fox sends the exchange and finishes with the calling station
callsign.

* Experience in use.

No one calls directly on the fox freq.

* Rit in use.

Calling the fox only when you actually hear him.

* Ears in use.

Being polite by sending your call once or twice if you
feel you flubbed it.

* Brain in use.

Everyone refrains from being the first to hold tone
over a QRM'er who may have accidently dropped in.

* Patience in use.

Yup, a solid opportunity to learn what not to do.

Thanks. It truly was a learning experience. Now
lets file it and move forward.

We all love the hobby and I'm sure we all benefit from
the pandemonium as much or more than the easy ones.

Note: No bugs, straightkeys, or paddles were harmed during
the foxhunt here at QTH we6w.

72/Ed we6w

--

-72/Ed WE6W; AR Millennium Q's=> 2479/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Wed, 12 Jan 2000 10:47:04 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [60138] Re: Fox Challenges.
Message-ID: <Pine.GS0.4.10.10001121028150.20295-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ed made some good points but I'd like to add a little something else.....

Remember back a year or two..... and recall all the resistance to working "split" or using the RIT. (Both do really mean the same thing.)

Any operation where one station is not zero beat with the other station is a split operation. Limits can be put on how much to spread out if wanted.

Now that working split (or using the RIT) during the Fox Hunts has become the "norm", a "simplex" (everyone zero beat with the Fox) operation seems frustrating.

BUT.....this was a GREAT learning experience for us all. Just about everyone came away with a better understanding of splits and what their advantages are. And why it's so nice to send the hounds call both before and after the exchange.

Also, never forget that the Fox for the night sets the "rules" for that hunt. He/she can send the info in any order they want, send it slow or fast, only once or repeat it, simplex or split and etc. It's the Fox's show and we are all there to help the Fox have fun.

Every hunt should be different to make the hounds think during the heat of the hunt.

Last night was good. It made us all have to work just a little bit harder. :-)

As a hound, the bottom line is "Don't give up". Keep listening and thinking. Think about how you can get your sig to be the one the Fox hears and responds to.

Where is he listening? (I came back about 45 into the

hunt and got him by going up 190 Hz). How fast is he going? What area of the country is he working? Are condx good for you now or should you hold off for a bit and wait for the band to go longer?

If you hear the Fox as say S2 and he is giving reports to others of S7 to S9, you might think about holding off. Chances are that your sig will also be weak to him. Let him work off the "first layer". That are those strong S7 to S9+ sigs. When they are gone you stand a much better chance.

Try to "get inside the Fox's head" and think from his viewpoint. What does he want to hear and where does he want to hear it?

OK, back into my hole....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Wed, 12 Jan 2000 10:50:50 -0800 (PST)
From: "W.six.ABC Oakland" <w6abc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [60139] FS:MFJ9440X/MFJ971
Message-ID: <20000112185050.23447.qmail@web2102.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

For Sale: The MFJ9440X 40 Meter CW/SSB Transceiver, with the CW board installed. Includes manual and microphone in original box. Also included is the MFJ-971 portable antenna tuner. Both are in excellent condition and are sold as a pair only. \$250 plus \$10 shipping.

72,
Jack

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Wed, 12 Jan 2000 14:00:42 -0500
From: "Charlie Fitts" <cfitts@neca.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [60140] Re: Loudspeaker Field Coil Info?
Message-ID: <200001121906.0AA28601@orion.neca.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Thanks to all who responded to my request for info on these old speakers. I got maybe a dozen replies and the collective opinion is that the speaker field coil was originally used mainly as a power supply filter choke alternative.

However, the speaker field coils can also be energized by any DC source that can push the required amount of current through the coil. 100 mA was suggested as a starting point, with a series resistor being used to achieve that current level. This would make them useful in 12 volt applications if the field coil impedance is low enough to allow that much current to pass with only 12 volts.

I really appreciate the replies!

73/72

Charlie Fitts, N1EI

Date: Wed, 12 Jan 2000 11:27:44 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [60141] Argonaut 509 history of mods?
Message-ID: <387CD5B0.39DBC931@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang, such a fine radio, this Argonaut 509. I'm having lots of fun on it.

I have not actually done a ton of work but I have been on the sideline doing websearches for 509 tips and mods etc.

I'm particularly interested in maximizing use of the feature connect on the rear of the box. First, I'd like to add a Homebrew IF filter. I'm looking for first-hand experience here and if you've updated a 509 or seen one that was updated, I'm all ears.

Also, I wish to add a digital dial/freq counter connection BNC port as well.

I really like this radio and it is good on batteries and never goes above 5 watts so I don't have to fiddle with the output power all the time to ensure my QRP status.

Also, I'm going to work a few kinks out of the tuning knob which is OK, but I'd like it to be a bit smoother. Any tips here? Perhaps when I open up the box it will become clear.

Thanks for any input. (Web resources too.)

72/Ed we6w

--

-72/Ed WE6W; AR Millennium Q's=> 2479/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Wed, 12 Jan 2000 11:54:16 -0800
From: "Harsha K" <bravado@angelfire.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, prm@hiwaay.net
Subject: [60142] Re: GROUND RODS
Message-ID: <FOHDHMJKCOFECAAA@angelfire.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

I was just wondering how the National Electric Code (sp ?) came up with a minimum requirement for ground rod length at 8 feet (if I am correct) !

Is it something like 468 divided by AC supply frequency (60 Hz or 50 Hz) ? :) Any thoughts ?

Angelfire for your free web-based e-mail. <http://www.angelfire.com>

Date: Wed, 12 Jan 2000 11:57:36 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [60143] SAV-17 vs. SAV-7 144 MHz PA
Message-ID: <20000112195736.4766.qmail@web2002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I am in the process of repairing a suspected bad PA in my TM-261 FM 2m mobile. (I have checked the diodes and they appear OK. The output was intermittent for a few days and then stopped entirely.)

Anyway I have found two sources for the SAV-17 - RF Parts and Westgate. Both are a little pricey at \$49.95. Does anyone know of a different source?

I did notice an SAV-7 at 28 watts rated output - does anyone know if this can be used in place of the SAV-17 since I would be happy with that level of output and this device costs half as much. Also i consider my own repair skills a little risky, hence less investment to risk.

thanks for any leads!

=====

Curt WB8YYY
Eldersburg, Maryland

<http://www.qsl.net/wb8yyy>
HW-8, 40m ugly weekender, 38S

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Wed, 12 Jan 2000 14:57:09 -0500
From: "Al Gritzmacher " <ae2t@arrl.net>
To: qrp-1@lehigh.edu
Subject: [60144] Re: FOX ALERT for 1/14/99 (N7MFB)
Message-ID: <200001122002.PAA25065@mx.localnet.com>
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

On 12 Jan 00, at 4:43, Bill Todd wrote:

> PS Please try to only give your call ONCE when making your call. My
> hearing is pretty fair (though the hair on the top of my head has been
> burned off from excessive thinking).

The best way to get people to call only once is to answer (someone,
anyone) right away after one call.

If you are not responding for some reason, whether you can't get ANY calls
out of the pile, or are still tuning around, you CANNOT expect people to
NOT call again.

This IS a slightly competitive event and the hounds are going to do what it
takes to be the one you respond to, even if that means calling again when
they hear a lull in the pileup that they think you might hear them through.

So don't ASK us to call only once - make it unnecessary or unproductive to
do so!

Spread out the pileup by answering callers off the fringes using RIT or
separate VFO. This also encourages callers to move off your frequency so
that everyone can hear you and stop calling when you start transmitting. A
lot of multiple calls are caused by people not hearing the FOX.

The whole tone of the foxhunt (or any pileup) is set by the station running it.
As FOX, you need to be sure it is YOU running it, not the Hounds, or it will
be total anarchy.

=====
The amazing thing about QRP is not how many contacts are
made, but that they are made at all. Every QSO is a
contradiction of conventional wisdom.

72,

Al Gritzmacher, AE2T

QRP-L #1664 QRP-ARCI #9837 K2 #274

ae2t@arrl.net

<http://members.localnet.com/~ae2t/>

QRP - If you don't try, you'll never know!

Date: Wed, 12 Jan 2000 12:27:36 -0800

From: "K7FD" <cqdx@teleport.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [60145] Re: ??? Extra Class Study Guides
Message-ID: <000f01bf5d3b\$7a31c940\$a78c80a7@lincoln.k12.or.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I suppose the on-air ARRL Code Practice sessions above 5 wpm are going to be a thing of the past...has anyone heard? And bulletins from headquarters at 5 wpm?

"Give 'em enough rope and they'll hang themselves". We'll we've got lots of rope now. Let's see how long it takes before our bands are all bunged up...and they start taking our freqs away cuz' we can't handle it. Sounds like they got this one all figured out pretty well. There ain't no such thing as a free lunch...

73 John K7FD, Extra Plus

> "The new licensing rules that take
> place on April 15, 2000 mean that
> the 13 and 20 WPM code tests will be
> abolished. All current licensees who
> have already passed a 5 WPM code
> test will be eligible for upgrades
> based on written tests alone. At
> QRZ, you can start taking practice
> written exams right now! Start today
> and take pride in being one of the
> thousands of new Extra class hams
> on the air this summer. Our online
> practice tests are proven and highly
> effective. ..."
>
>
>
> 73 T.E. 'Doc' Drake W5TB

Date: Wed, 12 Jan 2000 14:27:06 -0600
From: "George T. Baker" <w5yr@worldnet.att.net>
To: ae2t@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [60146] Re: FOX ALERT for 1/14/99 (N7MFB)
Message-ID: <387CE39A.830C2889@worldnet.att.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The truth, the whole truth and nothing but the truth, Brother Al!!!
;^)
All future Foxii please read, ponder and file away to read again.

To boil it down to one sentence:

Please do not respond to calls on or very nearly on the Fox frequency.

Those stations that are calling on your frequency can move off just as easily as they moved on to your frequency.

As the Fox you get the set the rules, but if no one can hear you through the mob, then (a) no one has much fun and (2) you don't get to work as many stations.

Thanks, Al - we needed that!

I am displaying poor manners, but I am copying Al's message in full for those who might have missed it:

72/73, George
Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972

Al Gritzmacher wrote:

>
> On 12 Jan 00, at 4:43, Bill Todd wrote:
>
> > PS Please try to only give your call ONCE when making your call. My
> > hearing is pretty fair (though the hair on the top of my head has been
> > burned off from excessive thinking).
>
> The best way to get people to call only once is to answer (someone,
> anyone) right away after one call.
>
> If you are not responding for some reason, whether you can't get ANY calls
> out of the pile, or are still tuning around, you CANNOT expect people to
> NOT call again.
>
> This IS a slightly competitive event and the hounds are going to do what it
> takes to be the one you respond to, even if that means calling again when
> they hear a lull in the pileup that they think you might hear them through.

>
> So don't ASK us to call only once - make it unnecessary or unproductive to
> do so!
>
> Spread out the pileup by answering callers off the fringes using RIT or
> separate VFO. This also encourages callers to move off your frequency so
> that everyone can hear you and stop calling when you start transmitting. A
> lot of multiple calls are caused by people not hearing the FOX.
>
> The whole tone of the foxhunt (or any pileup) is set by the station running it.
> As FOX, you need to be sure it is YOU running it, not the Hounds, or it will
> be total anarchy.

Date: Wed, 12 Jan 2000 14:30:57 -0600
From: Sam_Stimson@Dell.com
To: cqdx@teleport.com, qrp-1@Lehigh.EDU
Subject: [60147] RE: ??? Extra Class Study Guides
Message-ID: <5F97C32016F1D1119B1700A0C98422E702D76129@ausxmbrh05.us.dell.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

<<<<I suppose the on-air ARRL Code Practice sessions above 5 wpm are going
to
be a thing of the past...has anyone heard? And bulletins from headquarters
at 5 wpm?>>>>>

Not so sure the League will stop the code practice. Don't they give
proficiency certificates using those same broadcasts? I wouldn't think they
would stop that just because the FCC went brain dead.....

Sam
N5WU

Date: Wed, 12 Jan 2000 15:36:03 -0500
From: "Mike Yettsko" <myetsko@insydesw.com>
To: <cqdx@teleport.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [60148] Re: ??? Extra Class Study Guides
Message-ID: <006501bf5d3c\$b84f7820\$9001a8c0@wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Can I ask why in the world that would happen?

Yep, the rope will hang yourselves. Some people are doing a pretty good job trying already.

Mike

> I suppose the on-air ARRL Code Practice sessions above 5 wpm are going to
> be a thing of the past...has anyone heard? And bulletins from headquarters
> at 5 wpm?
>
> "Give 'em enough rope and they'll hang themselves". We'll we've got lots of
> rope now. Let's see how long it takes before our bands are all bunged
> up...and they start taking our freqs away cuz' we can't handle it.
Sounds
> like they got this one all figured out pretty well. There ain't no such
> thing as a free lunch...
>
> 73 John K7FD, Extra Plus

Date: Wed, 12 Jan 2000 15:15:46 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <dandooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [60149] Re: Speaking of Gray Line
Message-ID: <004001bf5d42\$32a0ffe0\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for all the input. Geoclock is alive and well and even with a Windows version.

Web site at www.geoclock.com

Some ham radio enhancements for the registered version are available.

Dan W. Dooley WB5TKA
e-mail to: dandoooley@pipeline.com
Si Hoc Legere Scis Nimium Eruditionis Habes

----- Original Message -----

From: Dan W. Dooley <dandoooley@pipeline.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, January 12, 2000 9:53 AM
Subject: Speaking of Gray Line

> Years ago there was an old program which when run would show a world map
> and
> superimposed over it was the twilight(?) moving as the day/night moved
> over the map
>
> I believe this was called "GEOCLOCK" and was a DOS program and may have
been
> shareware. I have seen a wall clock which shows this, even advertised in
> QST, but it is VERY expensive.
>
> Anyone know of something like this which is more current? Seems like it
> might be useful for tracking the gray line.
>
> Dan W. Dooley WB5TKA
> e-mail to: dandoooley@pipeline.com
> Si Hoc Legere Scis Nimium Eruditionis Habes
>

Date: Wed, 12 Jan 2000 16:18:36 -0500
From: "Al Gritzmacher " <ae2t@arrl.net>
To: dandoooley@pipeline.com
Cc: qrp-l@lehigh.edu
Subject: [60150] Re: Speaking of Gray Line
Message-ID: <200001122124.QAA04977@mx.localnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

On 12 Jan 00, at 9:53, Dan W. Dooley wrote:

> Years ago there was an old program which when run would show a world map and

> superimposed over it was the twilight(?) moving as the day/night moved
> over the map
>
> I believe this was called "GEOCLOCK" and was a DOS program and may have been
> shareware. I have seen a wall clock which shows this, even advertised in
> QST, but it is VERY expensive.
>
> Anyone know of something like this which is more current? Seems like it
> might be useful for tracking the gray line.
>

GEOCLOCK is still available and has current versions. There is now a Windows version too. I have it on another computer, but it is easy to find on the 'net. It's quite well-known. Just type GEOCLOCK into any search engine. C|Net's Shareware.com, or one of the TuCows archives might be a good place to start.

Al Gritzmacher, AE2T
ae2t@arrl.net

Welcome to year 2000, the last year of the Twentieth
Century and the last year of the Second Millenium.
2001 is the beginning of the new century and millenium.

Date: Wed, 12 Jan 2000 14:18:52 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: qrp-l@lehigh.edu
Subject: [60151] Re: FOX Freqs
Message-ID: <200001122117.0AA18551@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A number of folks have pointed out to me that the FISTS freqs are usually at .058 on the bands. I stand corrected where I said 7.038 on 40M, though I have heard CQ FISTS on that freq. The other points, multiple calls, calling over the top of the FOX, etc., still stand.

Seems to be generally accepted that calling on the FOX frequency is not in good form. Maybe Jay didn't have RIT? In fairness, though, there were a LOT of hunters out last night, tho.

Bob Hightower KI7MN
Chandler, AZ

<http://www.extremezone.com/~ki7mn>

Date: Wed, 12 Jan 2000 16:18:36 -0500
From: "Al Gritzmacher " <ae2t@arrl.net>
To: qrp-1@lehigh.edu
Subject: [60152] Re: FOX Freqs
Message-ID: <200001122124.QAA04962@mx.localnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

On 12 Jan 00, at 6:37, Bob Hightower wrote:

> Speaking of the roar, last night was ridiculous. Many callers repeating
> their calls until the roar lasted for 15-20 seconds, while the FOX was
> in
> qso with another hunter. If you can't hear him well enough to know that
> he
> is working another hunter, how can you possible hope to hear that he has
> heard and is answering your call? Also seemed to be like a contest to
> see
> who wait the longest to get their call in.
>

What about when you hear him well, but hear nothing for long stretches of time?

This is not meant to be critical at all, this is supposed to be a learning experience as well as everything else it is, but this was entirely the FOX's own doing. Lay the blame there. Better yet, just chalk it up to the learning process. He'll learn from it and next year be better at it.

First of all, he sent an e-mail telling us to zero-beat him instead of the normal spreading out a bit. I wonder how many Hounds actually followed that?

Secondly, he insisted on answering Hounds with only '(call) DE WT9S K', and turned it back to the Hound, which is too short and sounds too much like another call in the pileup. With a little QRM, it is nearly impossible to recognize this as the FOX answering someone. It is also confusing because it is backwards and necessitates an extra set of transmissions for each QSO to be completed. He frequently answered someone only to have them not answer because they did not hear his answer or realise he was answering them.

Then when he apparently couldn't pull any call out of it, he would wait for what seemed like forever, then call CQ FOX and start it all over again.

I did manage to work him, but really didn't expect to. I had chalked this one up to a lost cause in the first half hour. Believe me, the normal way of operating in a FOXhunt didn't work last night. Can you blame Hounds for trying something different?

As Ron, KU7Y, said - "Also, never forget that the Fox for the night sets the "rules" for that hunt. He/she can send the info in any order they want, send it slow or fast, only once or repeat it, simplex or split and etc. It's the Fox's show and we are all there to help the Fox have fun."

The rules were different last night and the Hounds had to resort to different tactics.

=====

The amazing thing about QRP is not how many contacts are made, but that they are made at all. Every QSO is a contradiction of conventional wisdom.

72,

Al Gritzmacher, AE2T

QRP-L #1664 QRP-ARCI #9837 K2 #274

ae2t@arrl.net

<http://members.localnet.com/~ae2t/>

QRP - If you don't try, you'll never know!

Date: Wed, 12 Jan 2000 16:19:30 -0800

From: Robert P Engelman <rengelwb8uoj@juno.com>

To: qrp-l@lehigh.EDU

Subject: [60153] Grounding

Message-ID: <20000112.161935.-234755.1.rengelwb8uoj@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Hey gang !

All the recent discussion on Grounding has made me get out my copy of the 1999 NEC. Excerpts from Art. 250 are as follows:

Art 250-52 deals with Made and Other Electrodes.

250-52c

Rod and Pipe electrodes. Rod and pipe electrodes shall not be less than 8 feet in length, shall consist of the following materials, and shall be installed in the following manner.

(1) Electrodes of pipe or conduit shall not be smaller than 3/4 inch trade size, and where of iron or steel, shall have the outer surface galvanized or otherwise metal-coated for corrosion protection.

(2) Electrodes of rods of iron or steel shall be at least 5/8 inch diameter. Stainless steel rods less than 5/8 inch diameter, nonferrous rods, or their equivalent shall be listed and shall not be less than 1/2 inch diameter.

(3) The electrode shall be installed such that at least 8 ft of length is in contact with the soil. It shall be driven to a depth of not less than 8 ft except that, where rock bottom is encountered, the electrode shall be driven at an oblique angle not to exceed 45 degrees from the vertical or shall be buried in a trench that is at least 2 1/2 feet deep. The upper end of the electrode shall be flush with or below ground level unless the aboveground end and the grounding electrode conductor attachment are protected against physical damage as specified in Section 250-10.

250-56

Resistance of made electrodes. A single electrode consisting of a rod, pipe, or plate that does not have a resistance to ground of 25 Ohms or less shall be augmented by one additional electrode of any type specified in Section 250-50 or 250-52. Where multiple rod, pipe, or plate electrodes are installed to meet the requirements of this section, they shall not be less than 6 feet apart.

FPN : The paralleling efficiency of rods longer than 8 feet is improved by spacing greater than 6 feet.

I hope that this excerpt from the NEC will help to clear up any myths of grounding, and effective grounding. I have the 1999 NEC on floppy (not loaded now), but if there's interest, I can post or e-mail the whole article 250 on grounding to any interested parties.

Thanks for the bandwidth, and back to your regularly scheduled program

Bob WB8UOJ QRP-L # 2019
Grafton OH

Date: Wed, 12 Jan 2000 12:30:20 AKST
From: "Jim Larsen" <al7fs@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [60154] PROP: Playing with Beacons Again in Alaska
Message-ID: <20000112213020.6263.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

At 2100Z I did another sweep of the 10 mtr beacons. My main computer is down so I cannot see what the current figures are for propagation but I would guess the aurora numbers are a bit lower than the 10 we had yesterday.

Reasonable signals from
Ottawa, Quebec, BC-strong, IL, IN, FL, NB, OH, CA, ME, MT, WI, Wannon Falls
VK3, VA, PA, TX-strong, AZ, IL, MI, and NY.

NQ2RP's 100 mW was weak but readable. About a 229.

Overall, conditions are not as strong as 5 or 6 days ago when the numbers where lower.

These little sessions are going to give me some idea of what to expect when I call CQ during this time of day.

Hoping to hear you on 10 meters...

this is AL7FS, Jim in Anchorage, Alaska.

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 12 Jan 2000 16:34:45 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Cc: "Elecraft Eric Swartz - WA6HHQ" <erics@elecraft.com>, "AE4IC Bob_Kellogg" <ae4ic@nr.infi.net>, "North GA QRP" <nogaqrp@qth.net>
Subject: [60155] 1N191s
Message-ID: <NBBBJDEEIFDDANGEGHLBKEOMIFAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those of you interested in honest-to-gosh REAL 1N191s, I have just found a small quantity at Ack Radio Supply in Atlanta. These are NOS. I estimate

they have between 25 and 50... maybe a bit more left. Price was \$0.75 each. They take the usual credit cards, will ship, but have some sort of minimum order, like \$25 I think. I am willing to buy some (more) and mail 'em to you for cost PLUS an SASE... but it won't be fast-I JUST now got both my email and my bookmarks back, and haven't gotten 30% of the stuff (from two 8GB HDDs) I need to get restored on this new cpu after the crash.

Their TEL nr is: (404) 351-6340.

P.S. While I AM going to compare 1N191s and 1N5711s, I am going with the latter, unless the 191s really kick butt.

Ed Tanton N4XY <n4xy@arrl.net>

Website: www.qsl.net/n4xy

"Do what's right. You'll please some people, and amaze everyone else."

Mark Twain

Date: Wed, 12 Jan 2000 13:33:00 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [60156] Code Requirements; My only post.
Message-ID: <387CF30C.56356D6A@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

When the coders die off, the new hams stick to voice and digital, and I can't find anyone to work in morse code for a QS0; Down goes the antenna, out goes the radio gear and my desire to possess a ham license.

If my hunch is correct however, this will never happen.

There is something fetching about mechanical proficiency, such as using a code key. They can run but they can't hide from themselves, eventually they will discover the great pleasure and simplicity of CW operation and using abbreviated text and Q-signals.

I asked myself, "Self, what is it with losing the code requirements that bother me?"

The answers I believe:

- * My favorite mode appears doomed.
- * I won't have anyone to chat with.
- * "Ham Procedure", inherent with Morse code radiotelegraphy, and the distilled foundation with which we derive our greatest pride, will be lost!
- * Commercial radio and commercial radio kits will have all specific CW features diminish and instead optimised for other modes!
- * Code equipment will fade away and become rare and unavailable.

There are more but I just can't pull them out because I started weeping again.

Not because the testing speed is reduced, but because of the eventual loss of code entirely. And most importantly, the loss of the industry it drives.

Perhaps within my time capsule I'll include a optimised Pixie2 with solarcells, key, sQRPion Antler, and earbuds.

Hundreds of years later:

Q:"What is this?", they'll ask.

A:"That's one of those old torture devices the FCC banned long ago."

Snif.

.eof on this subject. Private replys to spare the list. TU.

--

-72/Ed WE6W; AR Millennium Q's=> 2479/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Wed, 12 Jan 2000 13:38:41 -0800 (PST)

From: Rod Cerkoney <n0rc@yahoo.com>

To: ki7mn@extremezone.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [60157] Re: FOX Freqs

Message-ID: <20000112213841.6644.qmail@web903.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Bob, et.al.

--- Bob Hightower <ki7mn@extremezone.com> wrote:

> A number of folks have pointed out to me that the FISTS freqs are
> usually at .058 on the bands. I stand corrected where I said
> 7.038 on 40M, though I have heard CQ FISTS on that freq.

There has been some effort in FISTS to get people to spread out, and work off the calling frequencies, (sound familiar ;-). If the calling frequencies were used correctly: call, connect, QSY, there wouldn't be a problem, but almost everybody clusters on them [the CALL FREQ].

Related topic. We talked a lot about how to learn CW the language, but little is said about CW procedures. If I were call CQ and a station X answered me; What would happen if I called back <X> DE NØRC U1 K or <X> DE NØRC QSY D2 K--How many "X's" would know what to do?

I think we [most/all CW OPS] need more CW usage and procedures training. Not here on this list, just generally speaking.

=====

73, Rod NØRC

Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.

<http://im.yahoo.com>

Date: Wed, 12 Jan 2000 21:43:30 +0000
From: Bryan Koen <bryan@koen.net>
To: qrp-l@lehigh.edu
Subject: [60158] Re: ??? Extra Class Study Guides
Message-ID: <20000112214330.A20460@genesis.koen.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Wed, Jan 12, 2000 at 12:27:36PM -0800, K7FD wrote:

> I suppose the on-air ARRL Code Practice sessions above 5 wpm are going to
> be a thing of the past...has anyone heard? And bulletins from headquarters
> at 5 wpm?
>

<snip>

If this is true, why do they run 30 and 35wpm code now? With this line of thought, why do we need a West Coast Qualifying run?

Let's not forget that there will be some that will want to do code. I myself was a no-code tech, and have upgraded to advanced.

I have but one comment about the restructuring. When I listen to all these "old-farts" reminisce, and then whine, *****, and moan about what this is going to do to the Amateur Radio Service, (please remember it is a service,). It's no wonder that few people want to get a license in the first place, let alone upgrade, and have listen to arrogance that some of them display.

I fully intend to have my Extra class license before the April changes. Why? Basically, I have always coveted one of A* calls and maybe because I am a little bit of a masochist. I could just pass element 4b and wait, who would know the difference, right?

Thanks for the bandwidth...
Bryan Koen
NOYKN

Date: Wed, 12 Jan 2000 16:46:09 EST
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [60159] GROUND RESISTANCE
Message-ID: <af.435627.25ae5021@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

There has been reference to 25 ohms for ground rod installations. Please excuse the ignorance, but how is this accomplished?
Befuddled in Woodinville (smile) alan- kb7mbi

Date: Wed, 12 Jan 2000 21:47:23 +0000
From: "Mel Evans, Registered Arachne User" <mel@euramcom.freemove.co.uk>
To: lenny wintfeld <w2bvh@home.com>
Cc: qrp-1@lehigh.edu
Subject: [60160] Re: Question about capacitor color code(s)
Message-ID: <E128VbI-0003KP-00.2000-01-12-21-46-45@cmailg7.svr.pol.co.uk>
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

On Tue, 11 Jan 2000 20:27:02 +0200, lenny wintfeld wrote:

> Hi

> I've got a hold of some old caps & don't know how to read their color
> code. Does anyone know how to read the color code for the following:

> 1. Feedthru: has 4 dots around the edge
> 2. Feedthru: has 5 dots around the edge
> 3. "Standoff" (has a lead on one side a threaded hole on the other):
> has 3 dots and 1 band
> 4. "Standoff": has 4 narrow bands and 1 wide band
> 5. Button mica: has 6 dots around the circumference. (By the way, does
> anyone know what characteristics button mica's have (e.g. temp coeff.,
> q etc?) and what they were used for?

> Thanks in advance for any advice.

> 73,

> Lenny Wintfeld w2bvh

Hi Lenny,

If you come up with some answers from some folks, could you let me have
copy for the website please?

Regards

Mel

Chcekout the site for yourself at

<http://www.euramcom.freeseerve.co.uk>

Visit Mel's EURAMCOM pages for US/Euro Equivalent Parts
Resistors, Capacitors, Tubes, Color Codes, Wiring and more!

<http://www.euramcom.freeseerve.co.uk>

NEW! add your own homepage link INSTANTLY to the EurAmCom Pages

e-mail to: gm6jag@arrl.net

or: mel@euramcom.freeserve.co.uk

72 & 73 de Mel
GM6JAG
Edinburgh Scotland UK
Home of the last HW9

Arachne, the Internet Suite and "QRP" Browser for DOS, supports tables, graphics, animations, forms, HTML 4.0 Transitional Pages and more!

<http://www.arachne4dos.freeserve.co.uk>

Date: Wed, 12 Jan 2000 13:49:11 -0800
From: Bill Jones <kd7s@psnw.com>
To: bryan@koen.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [60161] Re: ??? Extra Class Study Guides
Message-ID: <387CF6D7.98F2D294@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Take it elsewhere, please, gentlemen. It (still) doesn't belong here on qrp-1.

> I have but one comment about the restructuring. When I listen to all
> these "old-farts" reminisce, and then whine, *****, and moan about what
> this is going to do to the Amateur Radio Service, (please remember it
> is a service,). It's no wonder that few people want to get a license in
> the first place, let alone upgrade, and have listen to arrogance that
> some of them display.

>

>

--

=====

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Wed, 12 Jan 2000 16:54:37 EST

From: FrConrad@aol.com
To: QRP-L@lehigh.edu
Subject: [60162] Re: ??? Extra Class Study Guides
Message-ID: <d1.f7b5a6.25ae521d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

So.....

How about that ol' 2N2222A transistor?

John+

Date: Wed, 12 Jan 2000 16:15:00 -0600
From: Sam_Stimson@Dell.com
To: FrConrad@aol.com, qrp-l@Lehigh.EDU
Subject: [60163] RE: ??? Extra Class Study Guides
Message-ID: <5F97C32016F1D1119B1700A0C98422E702D76130@ausxmbrh05.us.dell.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

So.....

Anyone up for bicycle mobile?

Sam
N5WU

Date: Wed, 12 Jan 2000 22:22:12 +0000
From: Paul Brice-Stevens <paul@g0wat.demon.co.uk>
To: qrp-l@lehigh.edu
Subject: [60164] CW filters & TS 570
Message-ID: <KohG9GAU6Pf4EwS6@g0wat.demon.co.uk>
MIME-Version: 1.0

RE: TS 570

> The Kenwood 570 has some features that make it special. A couple weeks
> ago, I was in the Exact same position as you, except for that I was leaning
> more towards the filters made by INRAD (international radio) instead of
> Kenwood, because of the lower price, and better "curves."

Has anyone any experience of whether the INRAD is better than the Kenwood filter, as in the UK the reverse is probably true in that the INRAD filter is more expensive than the Kenwood...also isn't the INRAD a 400hz filter?

Also on the 570 does the 5 watts setting mean 'yer actual 5 watts', or does it vary a bit...down is OK but up would not be good...any 570 users out there with some information on this.

Any info on how people get on with the 570 for qrp'ing (particually qrp contesting) would be most appreciated.

Thats my bandwidth..sorry for hijacking the discussion...regarding the original topic I find the 250hz fine for a one to one QSO, but for contest work I find it a bit narrow in all but the most exceptional cases (i.e. when all hell has let lose and you are having problems tracking down who is being called with all that bedlam)...so I find a 500hz or better two 500hz cascaded to be the best of most worlds.

73/72

Paul

G0WAT

G-QRP 8472 and Chiltern DX Member

Date: Wed, 12 Jan 2000 16:27:47 -0600
From: Richard Matthews <prm@hiwaay.net>
To: qrp-l@Lehigh.EDU
Subject: [60165] RE: ??? Extra Class Study Guides
Message-ID: <3.0.1.32.20000112162747.00b74890@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

After all the posts complaining about the new FCC rulings and after all the request to please take the discussion elsewhere, I offer a new discussion list where you may vent your frustrations about our beloved hobby to your hearts content.

To subscribe, just send an email to:

savehamradio-subscribe@egroups.com

you will become a member of the group and you can send your posts to:

savehamradio@egroups.com

This group is set up for people who think "ham radio is going to Hell in a hand basket"

If you don't want to get email from this group, with mostly belly aching and complaining, you best not sign up.

But please keep all those discussions there so we can talk about QRPing here. Thanks

72,

Richard, WA4NWW

What hath god wrought?

Date: Wed, 12 Jan 2000 14:35:40 -0800
From: Jim/Julia <w7ls@blarg.net>
To: qrp-l@lehigh.edu
Subject: [60166] MFJ-259B radiates a pretty good signal!
Message-ID: <387D01BC.D05CFC1E@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alan KB7MBI was listening for me to test a rig I am working on. I adjusted my antenna tuner with a MFJ-259B, like you're supposed to. I was on the phone with him at the time. I heard a signal in the phone, coming from his receiver. I was listening to my own MFJ-259B. We are about 6 miles apart. My antenna is as close to worthless trash as is possible, too. We were on 20 meters.

Anyone out there measure the output power from a 259B? I have the stuff to do it, but just haven't hooked it up. Thanks. Jim W7LS

Date: Wed, 12 Jan 2000 15:48:05 -0700
From: Skip <longbeard@cybernet1.com>
To: qrp-l@Lehigh.edu
Subject: [60167] Re: FOX ALERT for 1/14/99 (N7MFB)
Message-ID: <3.0.6.32.20000112154805.007a2100@mail.cybernet1.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Sorry for this post, but all this emphasis on RIT and courtesy is starting to get my GOAT!

Don't answer on or NEAR your frequency?

Some of us still run antique equipment ... ie no RIT! Are you saying that because some of our ranges of hearing do not allow us to move far enuf off frequency, that we should be ignored? I move enuf off freq to where I can still distinguish the FOX from the clutter, but if what I have been reading is going to become the LAW, I guess there is no place for myself, and others like me in the Hunt!

And are we not welcome, until such time as we can figure out an RIT, and the time to do it, for our current rigs?

Bring on the flames, but this sounds rather elitest!

I try my best to ignore most of the crap that has been on here lately, but this one hits me right where I live. Thanks for the space.

Skip, K=D8YWD

Stevensville, Montana

QRP-C #146, QRP-L #2003, CQC #616, Zombie #641 =20

=20

Skip, K=D8YWD

Stevensville, Montana

QRP-C #146, QRP-L #2003, CQC #616, Zombie #641 =20

=20

=20

Date: Wed, 12 Jan 2000 14:49:09 -0800

From: Jim/Julia <w7ls@blarg.net>

To: qrp-l@lehigh.edu

Subject: [60168] MFJ-259B power output = 12 mW

Message-ID: <387D04E5.214C85BC@blarg.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Couldn't wait to find out. Put a 50 ohm dummy load on the scope, hooked up the 259B, which said it was looking into a 50 ohm load, as it should, and measured the voltage on the scope. 2.2 volts, peak to peak, ergo 1.1v peak, times .707, squared, divided by 50 ohms, gives me 12 mW

The scope bandwidth is many times higher than the test frequency, so

accuracy is pretty good.

Ah, I had a qrp transmitter and didn't know it! Jim W7LS

Date: Wed, 12 Jan 2000 17:50:07 EST
From: Kg2jff@aol.com
To: qrp-1@lehigh.edu
Subject: [60169] Antenna Measurements...Best Method/Device?
Message-ID: <e2.221421.25ae5f1f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Greetings all. It's cold and windy here in upstate NY and I'm reading W1FB's Antenna Notebook contemplating antenna designs for this spring. He mentions taking antenna measurements using RF-ammeters, field strength meters, swr bridges, antenna noise bridges and dip meters.

I only have a combo swr/field strength meter and will need to purchase something to check-out anything that I build. MFJ makes various antenna meters as well as Autek Research. I feel that I will need to check SWR, resonance and feed point impedance. What is the most cost effective equipment out there? Right now the Autek RF1 looks rather impressive but I'm not sure if it measures the impedance at the antenna feed point.

Any advise would be appreciated and thanks in advance....Jerry kg2jff

Date: Wed, 12 Jan 2000 15:02:08 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [60170] WANTED: S/S GDO
Message-ID: <387D07F0.375D424E@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That's Solid-State Grid Dip oscillator. Battery operation preferred.

Trade straight across for my Lab quality 10 MHz sinewave ovenized S/C cut freq. standard.

Value approx: \$800.00 to \$1000.00

Brand new. 7.5 dBm output. Very clean.

Best 72/Ed we6w

--

-72/Ed WE6W; AR Millennium Q's=> 2479/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Tue, 11 Jan 2000 10:14:43 -0600

From: Sam_Stimson@Dell.com

To: jskalski@localnet.com, qrp-l@Lehigh.EDU

Subject: [60171] RE: OT I'm back... sort of...

Message-ID: <5F97C32016F1D1119B1700A0C98422E702D760F7@ausxmbrh05.us.dell.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="windows-1252"

Dell Computer will preload Linux on any of its systems if requested by the customer.. Not only do they vow compatibility, they insure it by loading and testing the OS with the system and peripherals prior to shipment.

Sam
N5WU

-----Original Message-----

From: James Skalski [mailto:jskalski@localnet.com]

Sent: Tuesday, January 11, 2000 7:55 AM

To: Low Power Amateur Radio Discussion

Subject: Re:OT I'm back... sort of...

This doesn't answer your question but seems relevant.

We have been using Linux for a number of years. It seems to be evolving into the OS of choice. IBM just endorsed it and views it as *the* Business OS and vows compatibility with it. Since the list is email/computer based ,this info may be of interest:

<http://www.techreview.com/articles/jan99/mann.htm>

One of boys just wrote mcal which may become useful in the GNOME project. Seems like exciting times. Maybe Gates can "bug" out.

73,

Jim n2go

On Mon, 10 Jan 2000, Ed Tanton wrote:

> Hello folks... I have been 'off the 'air' Internet-wise for what has
> turned
> out to be a good while... a program I bought ("Universal Translator")
> completely blew

> card with 32MB of its own memory, and a 52X EIDE-CD drive. Needless to
> say,
> it all screams-BUT the idea was to allow me to upgrade to WIN 2000
> Professional (WIN 2000 = the upgrade from WIN 98; WIN 2000 Prof. = WIN
NT-5;
> and WIN 2000 Server = the obvious upgrade from WIN NT 4-server.) Problem
is:
>
> (including the brand new Adaptec I bought for the Ricoh CD-R/W I want to
be
> able to use with it.) So far I've had to completely reinstall the OS about
5
> or 6 times. ONE more time, and I'm going back to WIN NT 4.0.

> So, if any

Date: Wed, 12 Jan 2000 17:53:04 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: Kg2jff@aol.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [60172] Re: Antenna Measurements...Best Method/Device?
Message-ID: <3.0.2.32.20000112175304.007cbae0@bosshog.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jerry et al,

I'm going to get the MFJ-259B. Unless you need lab quality measurements,
this one should do the job. It does a lot more than just measure impedance
too. I know others who have one and they find it more than adequate.
>

Chuck Carpenter, EM22cv, Point, Rains County, Texas

End of QRP-L Digest 1698
